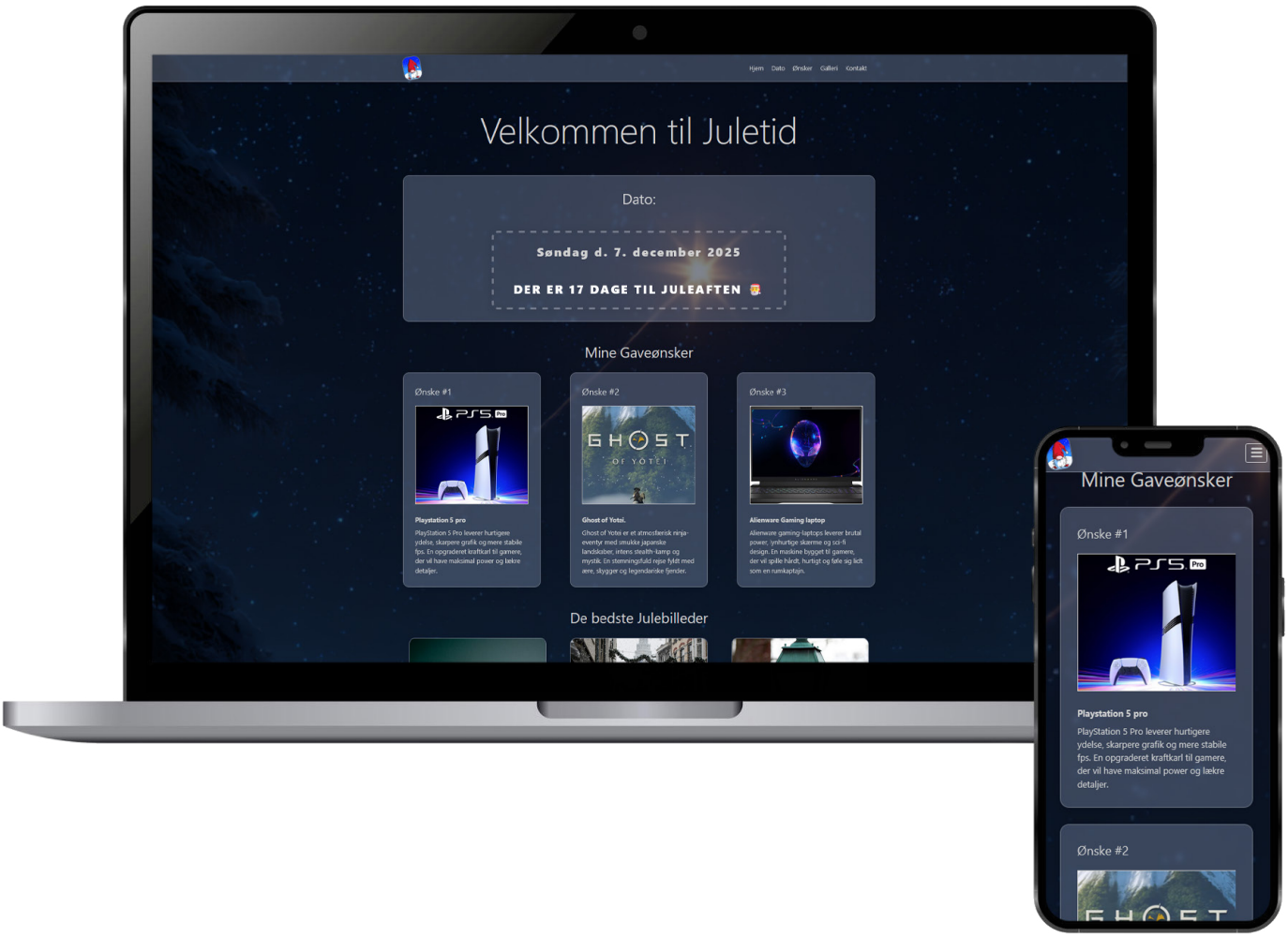
# 10CV Uge 50 - 2025

1

På de næste sider kommer som opslag et overblik over koderne brugt i denne undervisning og opgave.



## 2
HTML

```html
<!DOCTYPE html>
<html lang="da">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/7.0.1/css/all.min.css" />
    <link rel="stylesheet" href="css/styles.css" />
    <script src="js/dato.js" defer></script>
    <script src="js/burger.js" defer></script>
    <!-- <script src="js/sparks.js" defer></script> -->
    <title>Uge50-Jul</title>
  </head>
  <body>
    <!-- ========== | NAVIGATION START | ========== -->
    <nav class="menu glass">
      <div class="container nav__parent">
        <img src="img/snow_Gnome.png" alt="" class="logo">
        <button class="btn__menu" id="burger">
          <i class="fa-solid fa-bars btn__menu--bars"></i>
        </button>
        <ul class="nav">
          <li class="nav__item"><a href="#" class="nav__link">Hjem</a></li>
          <li class="nav__item"><a href="#date" class="nav__link">Dato</a></li>
          <li class="nav__item"><a href="#wish" class="nav__link">Ønsker</a></li>
          <li class="nav__item"><a href="#gallery" class="nav__link">Galleri</a></li>
          <li class="nav__item"><a href="#contact" class="nav__link">Kontakt</a></li>
        </ul>
      </div>
    </nav>
    <!-- ========== | NAVIGATION END | ========== -->
```

```html
    <main class="container">
      <!-- ========== | HEADER START | ========== -->
      <header class="header" id="date">
        <h1 class="site__title"> Velkommen til Juletid </h1>
        <div class="kalender glass">
          <h2 class="section__title"> Dato: </h2>
<div class="date-call">
            <p class="current-date"></p>
            <p class="countdown"></p>
</div>
        </div>
      </header>
      <!-- ========== | HEADER END | ========== -->
```

```
<!-- ========== | CARD SECTION START | ========== -->
<section class="wish-card" id="wish">
  <h2 class="section__title">Mine Gaveønsker</h2>
  <div class="card-parent">
    <div class="card glass">
      <h3 class="card__title"> Ønske #1 </h3>

      <img src="img/ps5pro.png" alt="" class="card__img" />

      <div class="card__body">
        <h4>Playstation 5 pro</h4>
        <p>PlayStation 5 Pro leverer hurtigere ydelse, skarpere grafik og mere stabile
        fps. En opgraderet kraftkarl til gamere, der vil have maksimal power og lækre
        detaljer.</p>
      </div>
    </div>
    <div class="card glass">
      <h3 class="card__title"> Ønske #2 </h3>

      <img src="img/ghost-of-yotei.avif" alt="" class="card__img" />

      <div class="card__body">
        <h4>Ghost of Yotei.</h4>
        <p>Ghost of Yotei er et atmosfærisk ninja-eventyr med smukke japanske
        landskaber, intens stealth-kamp og mystik. En stemningsfuld rejse fyldt med ære,
        skygger og legendariske fjender.</p>
      </div>
    </div>
    <div class="card glass">
      <h3 class="card__title"> Ønske #3 </h3>

      <img src="img/alienware.avif" alt="" class="card__img" />

      <div class="card__body">
        <h4>Alienware Gaming laptop</h4>
        <p>Alienware gaming-laptops leverer brutal power, lynhurtige skærme og sci-fi
        design. En maskine bygget til gamere, der vil spille hårdt, hurtigt og føle sig
        lidt som en rumkaptajn.</p>
      </div>
    </div>
  </div>
</section>
<!-- ========== | CARD SECTION END | ========== -->
```

```
<!-- ========== | GALLERY SECTION START | ========== -->
<section class="christmas-gallery" id="gallery">
  <h2 class="section__title">De bedste Julebilleder</h2>
  <div class="gallery">
    <img src="img/jul-1.jpg" alt="" class="glass" />
    <img src="img/jul-2.jpg" alt="" class="glass" />
    <img src="img/jul-3.jpg" alt="" class="glass" />
    <img src="img/jul-4.jpg" alt="" class="glass" />
    <img src="img/jul-5.jpg" alt="" class="glass" />
    <img src="img/jul-6.jpg" alt="" class="glass" />
  </div>
</section>
<!-- ========== | GALLERY SECTION END | ========== -->
```

```
98
99          <!-- ========== | KONTAKT SECTION START | ========== -->
100
101         <section class="contact glass" id="contact">
102             <form id="form-element" action="/post/to/form.htm#form-element">
103
104       <label for="name">Navn</label>
105       <input type="text" id="name"  placeholder="Dit navn" required>
106
107       <label for="email">Email</label>
108       <input type="email" id="email" placeholder="Din Email" required>
109
110
111       <label for="subject">Subject</label>
112       <textarea id="subject" name="subject" placeholder="Skriv Besked Her"
          style="height:200px"></textarea>
113
114       <input type="submit" value="Send">
115
116     </form>
117         </section>
118         <!-- ========== | KONTAKT SECTION END | ========== -->
119
120
121         <!-- ========== | FOOTER START | ========== -->
122
123         <footer class="footer glass">
124             <p>&copy; 2025 - Media College Denmark</p>
125           </footer>
126           <!-- ========== | FOOTER END | ========== -->
127       </main>
128     </body>
129   </html>
130
```

3

CSS - - base.css

css > styles.css

```
1
2   @import 'base.css';
3   @import 'navigation.css';
4   @import 'header.css';
5   @import 'card-section.css';
6   @import 'gallery-section.css';
7   @import 'contact.css';
8   @import 'footer.css';
9   @import 'animation.css';
10
```

css > base.css > .container

```
1   /* ========== | BASE.CSS | ========== */
2
3
4   /*#region ===== BASE SITE CSS START ===== */
5   *,
6   *::before,
7   *::after {
8     margin: 0;
9     padding: 0;
10    box-sizing: border-box;
11    list-style-type: none;
12  }
13
14  body {
15    font-family: ui-sans-serif, system-ui, sans-serif, "Apple Color Emoji", "Segoe UI Emoji",
      "Segoe UI Symbol", "Noto Color Emoji";
16    line-height: 1.5;
17    color: var(--clr-light);
18
19    background-image: linear-gradient(rgba(0, 0, 0, 0.6), rgba(0, 0, 0, 0.6)), url("../img/
      Christmas-background.png");
20    background-size: cover;
21    background-repeat: no-repeat;
22    background-position: top;
23  }
24  a {
25    text-decoration: none;
26  }
27  img {
28    max-width: 100%;
29    display: block;
30  }
31
32  header,
33  section,
34  footer {
35    position: relative;
36    z-index: 0;
37    margin-block: 50px;
38  }
39
40  /*#endregion ===== BASE SITE CSS END ===== */
```

4

CSS - - base.css - Fortsat

```
40  /*#endregion ===== BASE SITE CSS END ===== */
41
42  :root {
43    --clr-dark: #222;
44    --clr-light: #d2d2d2;
45  }
46
47  .glass {
48    background: rgba(194, 213, 253, 0.26);
49    border-radius: 16px;
50    box-shadow: 0 4px 30px rgba(0, 0, 0, 0.1);
51    backdrop-filter: blur(4px);
52    border: 1px solid rgba(255, 255, 255, 0.3);
53  }
54
55  .container {
56    width: min(100% - 1.5rem, 1200px);
57    margin-inline: auto;
58  }
59
60  .site__title {
61    text-align: center;
62    font-size: clamp(2.25rem, 1.1786rem + 3.4286vw, 5.75rem);
63    font-weight: 300;
64    margin-block-start: 50px;
65  }
66
67  .section__title {
68    text-align: center;
69    font-size: 36px;
70    font-weight: 400;
71    margin-block-end: 25px;
72  }
73
```

5

CSS - - navigation.css

css > navigation.css > .nav.show

```css
/* ========== | NAVIGATION.CSS | ========== */
.menu {
  position: sticky;
  width: 100%;
  top: 0;
  height: 70px;
  border-radius: 0;
  z-index: 10;
}

.nav__parent {
  position: relative;
  z-index: 1;
  display: flex;
  justify-content: space-between;
  height: 100%;
  align-items: center;
}

.logo {
  height: 60px;
  border-radius: 16px;
  box-shadow: 0 4px 30px rgba(0, 0, 0, 0.1);
  border: 1px solid rgba(255, 255, 255, 0.3);
  transform: rotate(-10deg);
}

.btn__menu {
  position: relative;
  background: transparent;
  outline: none;
  border: var(--clr-light) 1px solid;
  border-radius: 4px;
  padding: 5px;
  cursor: pointer;
  z-index: 2;
  @media (min-width: 500px) {
    display: none;
  }
}

.btn__menu--bars {
  font-size: 22px;
  color: var(--clr-light);
}
```

6

CSS - - navigation.css - Fortsat

```
47  .nav {
48    position: absolute;
49    z-index: 1;
50    width: 100%;
51    right: 0;
52    top: 70px;
53    padding: 20px;
54    display: none;
55    flex-direction: column;
56    align-items: center;
57    gap: 20px;
58
59    @media (min-width: 500px) {
60      display: flex;
61      position: relative;
62      top: 0;
63      flex-direction: row;
64      background: transparent;
65      width: auto;
66      height: auto;
67      border: none;
68    }
69  }
70
71  .nav.show {
72    display: flex;
73    background: rgba(6, 7, 8, 0.9);
74    border-radius: 16px;
75    box-shadow: 0 4px 30px rgba(0, 0, 0, 0.1);
76    backdrop-filter: blur(4px);
77    border: 1px solid rgba(255, 255, 255, 0.3);
78  }
79
80  .nav__link {
81    color: var(--clr-light);
82  }
83
```

7

CSS - - header.css

css > header.css > ...

```css
/* ========== | HEADER.CSS | ========== */

.kalender {
  margin-block-start: 50px;
  padding: 30px;
  display: grid;
  place-content: center;
  gap: 30px;
}

.date-call {
  border-radius: 16px;
  box-shadow: 0 4px 30px rgba(0, 0, 0, 0.1);
  border: 5px dashed rgba(255, 255, 255, 0.3);
}

.current-date,
.countdown {
  font-size: 30px;
  font-weight: 900;
  padding: 25px 50px;
  letter-spacing: 4px;
  text-align: center;
}

.countdown {
  color: #ffffff;
  text-transform: uppercase;

}
```

8

CSS - - card-section.css

css > card-section.css > ...

```css
/* ========== | CARD-SECTION.CSS | ========== */

.card-parent {
  display: flex;
  flex-direction: column;
  align-items: center;
  gap: 30px;

  @media (min-width: 900px) {
    flex-direction: row;
    justify-content: space-between;
  }
}

.card {
  width: 350px;
  padding: 30px;
  display: grid;
  gap: 20px;
}
.card__title {
  font-weight: 400;
  font-size: 1.4em;
}

.card__img {
  border: 1px solid var(--clr-light);
  height: 250px;
  width: 300px;
  object-fit: cover;

}
.card__body h4 {
  line-height: 2.5;
}

```

9

CSS - - gallery-section.css

css > gallery-section.css > ...

```css
/* ========== | GALLERY-SECTION.CSS | ========== */

.gallery img {
  object-fit: cover;
  object-position: center;
  width: 350px;
  height: 350px;
}

.gallery {
  display: grid;
  grid-template-columns: repeat(auto-fill, minmax(350px, 1fr));
  gap: 30px;

  @media (min-width: 300px) {
    justify-items: center;
  }
}
```

10

CSS - - footer.css

css > footer.css > ...

```css
.footer {
    padding: 20px;
    display: grid;
    place-content: center;
}
```

# 11

CSS - - animation.css

css > animation.css > ...

```css
/* ========== | ANIMATION.CSS | ========== */

/* Sparks */

.spark {
  position: absolute;
  width: 16px;
  height: 16px;
  background: #00ff22;
  border-radius: 50%;
  pointer-events: none;
  box-shadow: 0 0 20px #00ff22;
  animation: fadeOut 0.5s ease-out forwards, hueSpin 0.5s linear forwards;
}

@keyframes fadeOut {
  100% {
    opacity: 0;
    transform: scale(2);
  }
}

@keyframes hueSpin {
  0% {
    filter: hue-rotate(0deg);
  }
  100% {
    filter: hue-rotate(360deg);
  }
}
```

12

CSS - - animation.css - Fortsat

```
32  /* Santa */
33  .santa {
34    background-image: url("../img/santa-run.png");
35    background-size: cover;
36    background-repeat: no-repeat;
37    background-position: center;
38    width: 1000px;
39    height: 617px;
40    transform: scale(0.4);
41    position: absolute;
42    top: 0;
43    right: -1000px;
44    animation: santa-run 0.5s steps(5) infinite, santa-fly 16s 4s linear infinite;
45    animation-play-state: running;
46
47    @media(max-width: 1200px){
48      animation-play-state: paused;
49      display: none;
50
51    }
52  }
53
54  @keyframes santa-run {
55    0% {
56      background-position: 0 0;
57    }
58    100% {
59      background-position: -5000px 0;
60    }
61  }
62
63  @keyframes santa-fly {
64    0% {
65      right: calc(0 + 10%);
66    }
67    20% {
68      right: 100%;
69    }
70    100% {
71      right: 100%;
72    }
73  }
```

# 13

Javascript - - burger.js

js > JS burger.js > ...

```
1
2   const burger = document.getElementById("burger");
3   const nav = document.querySelector(".nav");
4   const links = document.querySelectorAll(".nav__link");
5
6   // ÅBN / LUK via burger
7   burger.addEventListener("click", () => {
8     nav.classList.toggle("show");
9   });
10
11  // Luk menuen når man klikker på et link
12  links.forEach(link => {
13    link.addEventListener("click", () => {
14      nav.classList.remove("show");
15    });
16  });
17
18  // Luk menuen automatisk når vinduet bliver større end 600px
19  window.addEventListener("resize", () => {
20    if (window.innerWidth > 500) {
21      nav.classList.remove("show");
22    }
23  });
24
```

# 14

Javascript - - dato.js

js > JS dato.js > ...

```
1
2   // ====== 1) Fuld dansk dato ======
3   const dateElement = document.querySelector(".current-date");
4   const today = new Date();
5
6   const formatted = today.toLocaleDateString("da-DK", {
7     weekday: "long",
8     day: "numeric",
9     month: "long",
10    year: "numeric"
11  });
12
13  const fullDate =
14    formatted.replace("den", "d.").charAt(0).toUpperCase() +
15    formatted.replace("den", "d.").slice(1);
16
17  dateElement.textContent = fullDate;
18
19  // ====== 2) Dage til juleaften ======
20  const countdownElement = document.querySelector(".countdown");
21
22  // Sæt juleaften til samme år som i dag
23  let christmas = new Date(today.getFullYear(), 11, 24); // måned 11 = december
24
25  // Hvis juleaften er passeret i år → brug næste år
26  if (today > christmas) {
27    christmas = new Date(today.getFullYear() + 1, 11, 24);
28  }
29
30  // Beregn dage
31  const diffTime = christmas - today;
32  const diffDays = Math.ceil(diffTime / (1000 * 60 * 60 * 24));
33
34  countdownElement.textContent = `Der er ${diffDays} dage til juleaften 🎅`;
35
```

15

Javascript - - animation.js

js > JS animation.js > ...

```
1   //sparks -------------------------------------------
2
3   document.addEventListener("mousemove", (e) => {
4     const spark = document.createElement("div");
5     spark.className = "spark";
6
7     spark.style.left = `${e.pageX}px`;
8     spark.style.top = `${e.pageY}px`;
9
10    const randomHue = Math.floor(Math.random() * 360);
11    spark.style.filter = `hue-rotate(${randomHue}deg)`;
12
13    document.body.appendChild(spark);
14
15    setTimeout(() => spark.remove(), 500);
16  });
```