

# EKSAMENSdokument WEBUTVIKLING EKSAMEN 2024

## Ambisjonsnivå

Denne eksamen satser jeg på C-B krav. Oppgaven er noe mer omfattende enn i fjor og jeg ønsker ikke å ta meg vann over hodet, derfor peiler jeg meg inn på C-B da jeg fikk B på skriftlig. Grunnen til at jeg peiler meg inn her er fordi jeg liker godt å leke med flexbox, grid osv men jeg ser at kravene for A blir for omfattende.

Antakelser og tolkninger:

I E kravene står det uten feil, og jeg vurderer det dermed slik at dette betyr ingen errors, men at warnings er lov slik som i fjor. Jeg tolker det også som at mange av kravene for størrelse på bilder (px) som er i kravene E-C kan forandres på om man sikter oppover i karakterskalaen.

Det var nytt med tilgjengelighetserklæringer for meg i år og jeg antar at det skal linkes til PDF fil som ligger i prosjektet mitt og ikke UU sine nettsider.

## Link til github

[https://github.com/Danielladominey/webeksamen\\_2024.git](https://github.com/Danielladominey/webeksamen_2024.git)

## Kilder:

### BILDER:

[https://www.freepik.com/free-photo/top-view-salts-cream-container\\_13153077.htm#fromView=search&page=2&position=4&uuid=e7fa7b2d-6aa4-459e-961f-b22142c6e203](https://www.freepik.com/free-photo/top-view-salts-cream-container_13153077.htm#fromView=search&page=2&position=4&uuid=e7fa7b2d-6aa4-459e-961f-b22142c6e203)

[https://www.freepik.com/free-photo/top-view-tropical-leaves-with-beauty-tools-cosmetics\\_4607313.htm#fromView=search&page=1&position=43&uuid=e7fa7b2d-6aa4-459e-961f-b22142c6e203](https://www.freepik.com/free-photo/top-view-tropical-leaves-with-beauty-tools-cosmetics_4607313.htm#fromView=search&page=1&position=43&uuid=e7fa7b2d-6aa4-459e-961f-b22142c6e203)

[https://www.freepik.com/free-photo/selfcare-product-bottle-with-flower\\_22110074.htm#fromView=serie&position=15](https://www.freepik.com/free-photo/selfcare-product-bottle-with-flower_22110074.htm#fromView=serie&position=15)

[https://www.freepik.com/free-photo/nail-polish-bottle-lipstick-sponge-compact-green-leaf-against-white-background\\_3688760.htm#fromView=search&page=2&position=38&uuid=d843b325-1c4f-41be-98e7-6d0e1ba6578a](https://www.freepik.com/free-photo/nail-polish-bottle-lipstick-sponge-compact-green-leaf-against-white-background_3688760.htm#fromView=search&page=2&position=38&uuid=d843b325-1c4f-41be-98e7-6d0e1ba6578a)

[https://www.freepik.com/free-photo/beauty-skincare-products-bathroom\\_18099411.htm#fromView=search&page=2&position=0&uuid=01c827cb-d8e2-4782-a84b-655779f4c02e](https://www.freepik.com/free-photo/beauty-skincare-products-bathroom_18099411.htm#fromView=search&page=2&position=0&uuid=01c827cb-d8e2-4782-a84b-655779f4c02e)

[https://unsplash.com/photos/smiling-woman-wearing-turban-i2hoD-C2RUA?utm\\_content=creditShareLink&utm\\_medium=referral&utm\\_source=unsplash](https://unsplash.com/photos/smiling-woman-wearing-turban-i2hoD-C2RUA?utm_content=creditShareLink&utm_medium=referral&utm_source=unsplash)

<https://unsplash.com/photos/white-and-black-usb-flash-drive-DuNXXPScbJM>

[https://www.freepik.com/free-photo/portrait-beautiful-woman-with-clear-skin-using-face-serum\\_21076366.htm#from\\_view=detail\\_alsolike](https://www.freepik.com/free-photo/portrait-beautiful-woman-with-clear-skin-using-face-serum_21076366.htm#from_view=detail_alsolike)

[https://www.freepik.com/free-photo/front-view-woman-with-beauty-product-concept\\_10881462.htm#from\\_view=detail\\_alsolike](https://www.freepik.com/free-photo/front-view-woman-with-beauty-product-concept_10881462.htm#from_view=detail_alsolike)

[https://www.freepik.com/free-photo/happy-senior-woman-applying-cream\\_5431193.htm#fromView=search&page=1&position=52&uuid=e76e7270-3684-4b70-9b2c-fc9ccf75b84b](https://www.freepik.com/free-photo/happy-senior-woman-applying-cream_5431193.htm#fromView=search&page=1&position=52&uuid=e76e7270-3684-4b70-9b2c-fc9ccf75b84b)

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[https://unsplash.com/photos/person-holding-white-plastic-container-oXl2\\_S1lLQI?utm\\_content=creditShareLink&utm\\_medium=referral&utm\\_source=unsplash](https://unsplash.com/photos/person-holding-white-plastic-container-oXl2_S1lLQI?utm_content=creditShareLink&utm_medium=referral&utm_source=unsplash)

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[https://www.freepik.com/free-photo/bouquet-lavender-flowers-copy-space\\_7335512.htm#fromView=search&page=3&position=32&uuid=0fe39aa1-11c8-40a8-ab18-a4defd92977c](https://www.freepik.com/free-photo/bouquet-lavender-flowers-copy-space_7335512.htm#fromView=search&page=3&position=32&uuid=0fe39aa1-11c8-40a8-ab18-a4defd92977c)

[https://www.freepik.com/free-photo/top-view-natural-self-care-products-composition\\_14958716.htm#fromView=search&page=4&position=0&uuid=0fe39aa1-11c8-40a8-ab18-a4defd92977c](https://www.freepik.com/free-photo/top-view-natural-self-care-products-composition_14958716.htm#fromView=search&page=4&position=0&uuid=0fe39aa1-11c8-40a8-ab18-a4defd92977c)

Prompt:

PROMPT:

make a scroll with scroll-snap type

**ChatGPT sa:**

ChatGPT

Here's a complete example of a scrollable container using scroll-snap-type. This creates a horizontally scrollable section with snapping functionality for smooth and user-friendly navigation.

**Code Example:**

html

Kopier kode

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Scroll Snap Example</title>
```

```
<style>
```

```
  body {
```

```
    font-family: Arial, sans-serif;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    background-color: #f9f9f9;
```

```
    display: flex;
```

```
    justify-content: center;
```

```
    align-items: center;
```

```
    height: 100vh;
```

```
}
```

```
.scroll-container {  
  width: 80vw;  
  height: 300px;  
  display: flex;  
  gap: 20px;  
  overflow-x: auto;  
  scroll-snap-type: x mandatory; /* Enable horizontal snapping */  
  scrollbar-width: thin; /* For modern browsers, makes scrollbar less intrusive */  
}
```

```
.scroll-container::-webkit-scrollbar {  
  height: 8px;  
}
```

```
.scroll-container::-webkit-scrollbar-thumb {  
  background: #888;  
  border-radius: 4px;  
}
```

```
.scroll-container::-webkit-scrollbar-track {  
  background: #f0f0f0;  
}
```

```
.card {  
  flex: 0 0 80%; /* Each card takes 80% of the container width */  
  height: 100%;
```

```
    scroll-snap-align: start; /* Align the start of the card with the container */

    background: #ffffff;

    border: 1px solid #ddd;

    border-radius: 10px;

    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

    display: flex;

    justify-content: center;

    align-items: center;

    font-size: 1.5rem;

    color: #555;

    text-align: center;

    padding: 20px;

}

</style>

</head>

<body>

  <div class="scroll-container">

    <div class="card">Card 1</div>

    <div class="card">Card 2</div>

    <div class="card">Card 3</div>

    <div class="card">Card 4</div>

    <div class="card">Card 5</div>

  </div>

</body>

</html>
```

### Features of This Scrollable Snap Container:

1. **scroll-snap-type: x mandatory;**

- Ensures that scrolling happens horizontally and snaps to the nearest child element.

## 2. **scroll-snap-align: start;**

- Aligns the start of each child element with the container's start position when snapping.

## 3. **Responsive Layout:**

- The cards (.card) are styled to take 80% of the container's width, with gap: 20px for spacing between them.

## 4. **Scrollbar Styling:**

- For browsers supporting ::-webkit-scrollbar, the scrollbar is styled to be minimal and visually appealing.

### **How It Works:**

- Users can scroll horizontally through the container.
- The content will "snap" to align each card neatly with the start of the container.
- This works seamlessly on both desktop and touch devices.

### **Result:**

This approach creates a visually clean and functional horizontal scrollable area with snapping for better usability. It's perfect for carousels, galleries, or any horizontally scrolling content.

## **PROMPT**

make a easy drop down pick size form where it says "pick a size" inside the grey form box

### **ChatGPT sa:**

ChatGPT

Here's a simple HTML form with a dropdown menu where it says "Pick a size" inside the grey form box:

html

Kopier kode

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Pick a Size Form</title>

<style>
  body{
    font-family: Arial, sans-serif;
    padding: 20px;
  }
  .form-container {
    width: 300px;
    padding: 10px;
  }
  select {
    width: 100%;
    padding: 10px;
    font-size: 16px;
    border: 1px solid #ccc;
    border-radius: 4px;
    background-color: #f1f1f1;
    color: #333;
  }
  select:focus {
    outline: none;
    border-color: #007bff;
    background-color: #e9ecef;
  }
</style>

</head>

<body>

  <div class="form-container">
```

```
<label for="size">Pick a size:</label>

<select id="size" name="size">

  <option value="" disabled selected>Pick a size</option>

  <option value="small">Small</option>

  <option value="medium">Medium</option>

  <option value="large">Large</option>

</select>

</div>

</body>

</html>
```

## PROMPT

<details> <summary>Materiale og vedlikehold</summary> <p>bla</p> </details> i want to remove the default arrow down and instead have a + sign which indicates that i can press for more info

### ChatGPT sa:

ChatGPT

To replace the default arrow of the <details> element with a custom + sign, you can use CSS to hide the default arrow and insert your own icon.

Here's how you can do it:

### Updated HTML:

html

Kopier kode

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Custom Summary Icon</title>
```

```
  <link rel="stylesheet" href="styles.css">
```



```
</head>
```

```
<body>
```

```
  <details>
```

```
    <summary>Materiale og vedlikehold</summary>
```

```
    <p>bla</p>
```

```
  </details>
```

```
</body>
```

```
</html>
```

### **CSS (styles.css):**

```
css
```

Kopier kode

```
/* Remove default arrow */
```

```
summary {
```

```
  list-style: none; /* Removes the default bullet/arrow */
```

```
  cursor: pointer;
```

```
  position: relative;
```

```
  padding-left: 20px; /* Space for the custom icon */
```

```
}
```

```
/* Add custom "+" sign */
```

```
summary::before {
```

```
  content: "+"; /* The plus icon */
```

```
  position: absolute;
```

```
  left: 0;
```

```
  font-weight: bold;
```

```
  color: #333;
```

```
}
```

```
/* Change "+" to "-" when details is open */
```

```
details[open] summary::before {  
  content: "-"; /* The minus icon */  
}
```

#### Explanation:

##### 1. Remove Default Arrow:

- The `list-style: none;` on the `<summary>` element removes the default arrow.

##### 2. Custom Icon:

- The `summary::before` pseudo-element inserts a + before the summary text.
- `position: absolute;` ensures the custom icon appears at the start of the summary.
- `padding-left` on the summary ensures space for the custom icon.

##### 3. Toggle Icon:

- The `details[open] summary::before` rule changes the + to – when the `<details>` element is expanded.

#### Prompt:

#### Result:

- The default arrow is replaced by a + icon, which changes to – when expanded. This provides a clear and customizable toggle indicator.

how to make pdf a href open in own tab

#### ChatGPT sa:

ChatGPT

To make a `<a href>` link for a PDF open in a new tab, you can use the `target="_blank"` attribute in the `<a>` tag. Here's an example:

html

Kopier kode

```
<a href="example.pdf" target="_blank">Open PDF</a>
```

#### Explanation:

- **href="example.pdf"**: Specifies the link to your PDF file.
- **target="\_blank"**: Tells the browser to open the link in a new tab.

## Additional Recommendations:

1. **Ensure Accessibility:** Add the rel="noopener noreferrer" attribute to enhance security and prevent performance issues:

html

Kopier kode

```
<a href="example.pdf" target="_blank" rel="noopener noreferrer">Open PDF</a>
```

- **noopener:** Prevents the new tab from gaining access to the window.opener object, which can enhance security.
- **noreferrer:** Prevents the browser from sending the referrer information to the new tab.

2. **PDF Icon Indication (Optional):** Consider adding an icon or a label to indicate that the link opens a PDF. For example:

html

Kopier kode

```
<a href="example.pdf" target="_blank" rel="noopener noreferrer">
```

```
  Open PDF <i class="fa fa-file-pdf"></i>
```

```
</a>
```

With this approach, the PDF will open in a new browser tab when clicked.

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