

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.

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-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/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://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/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/young-woman-doing-her-morning-routine_12302883.htm#fromView=search&page=1&position=0&uuid=dc749596-c108-4bd8-99e7-cf26ab0f5380

https://unsplash.com/photos/person-holding-white-plastic-container-oXl2_S1lLQI?utm_content=creditShareLink&utm_medium=referral&utm_source=unsplash

https://www.freepik.com/free-photo/still-life-stacked-aesthetic-objects_38624753.htm#fromView=serie&position=29

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

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.

4o