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Part 1. Media Queries

Task 0. Responsive Typography

Task 1. Responsive Layout with Media Queries

```
body { padding: 1.25rem; }
h1 { margin: 0 0 1rem; }
.grid {
display: grid;
gap: 1rem;
grid-template-columns: 1fr;
}
box {
background:  #f2f2f2;
border: 1px solid  #e0e0e0;
padding: 1.25rem;
border-radius: 12px;
min-height: 100px;
display: flex;
align-items: center;
justify-content: center;
font-weight: 600;

@media (min-width: 768px) {
.grid {
   grid-template-columns: repeat(2, 1fr);
}

@media (min-width: 992px) {
   .grid {
      grid -template-columns: repeat(3, 1fr);
}
```

Part 2. Bootstrap Grid System

Task 2. Bootstrap Responsive Columns

```
clocyPyE html>
dital lang="en">
dital lang="en">
dital lang="en">
deads

deads

deads anase="viceport" content="width=device-width, initial-scale=1">
deata name="viceport" content="width=device, initial-scale=1">
div class="content=port" content=port" content=port name="viceport" content=port nam
```

Task 4. Responsive Portfolio Page

```
:root {
  --fs-h1: 2rem;
  --fs-h2: 1.25rem;
  --fs-p: 1rem;
main { padding-top: 1rem; }
.sidebar {
 position: sticky;
 top: 1rem;
.profile {
 border: 1px solid #e9ecef;
 border-radius: 1rem;
 padding: 1rem;
 background: #f8f9fa;
.profile img {
 width: 100%;
 height: auto;
 border-radius: 0.75rem;
.card { border-radius: 1rem; overflow: hidden; }
.card img { aspect-ratio: 16/9; object-fit: cover; }
h1, h2 { margin: 0 0 0.5rem; }
h1 { font-size: var(--fs-h1); }
h2 { font-size: var(--fs-h2); }
p, li { font-size: var(--fs-p); }
@media (min-width: 768px) {
 :root {
    --fs-h1: 2.4rem;
    --fs-h2: 1.35rem;
    --fs-p: 1.02rem;
@media (min-width: 992px) {
 :root {
    --fs-h1: 2.8rem;
    --fs-h2: 1.5rem;
    --fs-p: 1.06rem;
```

```
task4.html > � html > � body > � main.container > � div.row.g-4
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <link rel="stylesheet" href="task4.css">
            box-sizing: border-box;
            margin: 0;
            font-family: system-ui, -apple-system, Segoe UI, Roboto, Arial, sans-serif;
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-body-tertiary">...
    <main class="container">
       <header class="pt-4 pb-3 border-bottom mb-4">...
       <div class="row g-4">...
        <a href="../index.html" class="btn btn-primary btn-sm">← Back to Main Page</a>
    </main>
    <footer class="border-top mt-4 py-3">...
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
</html>
```

Summary

During this assignment, I learned how to create responsive web pages using both **CSS Media Queries** and the **Bootstrap Grid System**. The project was completed in several steps, each focusing on different aspects of responsive design.

In the Media Queries part, I created a simple page with headings and paragraphs and made the typography responsive by adjusting font sizes for mobile, tablet, and desktop views. I also built a layout with three boxes that stack differently depending on screen size: side by side on desktop, two in a row on tablet, and vertically on mobile — all using only CSS.

In the Bootstrap section, I used the 12-column grid system to build a flexible layout that adjusts well across devices. I also implemented a responsive navigation bar with a logo on the left and links on the right that collapse into a hamburger menu on smaller screens.

In the final combined project, I developed a portfolio page using both Media Queries and Bootstrap. The page includes a responsive header with a navbar, a main section with portfolio cards on the left and a sidebar with personal information on the right, and a full-width footer. I applied custom media queries to fine-tune font sizes, spacing, and visibility of elements for different screen sizes.