ACTIVITY #4

Q1: I linked the bootstrap 5 on my code using these snippets:
This snippets helped me to achieve my goals for my website.

HTML:
```
<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.3/font/bootstrap-icons.css"
rel="stylesheet">
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&display=swap"
rel="stylesheet">
  <link rel="stylesheet" href="style.css">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLlm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.1/font/bootstrap-
icons.css">
```
JAVASCRIPT BOOTSTRAP:
```
<script defer src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
```

Q2: In this project, I used Bootstrap components like cards and carousel to display products clearly and interactively. I also applied utility classes for spacing, shadows, and text alignment to improve layout and design. These were chosen to make the website more responsive, organized, and professional with minimal custom CSS.

Q3: Bootstrap helps make a website responsive more easily because it already includes a grid system and built-in classes that automatically adjust layouts for different screen sizes. Unlike plain CSS, which requires manual coding for responsiveness, Bootstrap allows quick alignment and resizing with simple class names, saving time and effort.

Q4: The most useful Bootstrap feature in this activity was the grid system. It made organizing the product cards and aligning them properly across different devices much easier. It also ensured that the layout looked neat and balanced on both desktop and mobile screens.

Q5: I added hover effects, responsive cards, and a carousel to make the website more interactive. These features give users a dynamic experience, allowing smooth animations and clear product previews while maintaining a professional look.

Conclusion:
Overall, Bootstrap made the development process faster and simpler. It helped me create a clean, responsive, and modern design without writing too much custom CSS.
Observation:
I observed that using Bootstrap saves time and reduces layout issues. It's very convenient for beginners and ensures that the website looks good on any device automatically.

ACTIVITY #5

Q1: I used Bootstrap classes like **container**, **row**, and **col-md** to organize the layout and make it adjust automatically on different screen sizes. I also used **img-fluid** to ensure product images resized properly without breaking the layout.

Q2: Bootstrap's grid system divides the page into columns, allowing elements to rearrange or resize depending on the device width. This makes it easy to design layouts that look balanced on desktops, tablets, and mobile phones without writing complex CSS.

Q3: I added subtle **hover shadows**, **scale animations**, and **smooth transitions** to the product cards. These effects highlight the selected product and make the catalog more interactive and visually appealing.

Q4: Responsiveness ensures that users can browse the product catalog comfortably on any device. It improves accessibility, user experience, and engagement, which is important for keeping visitors interested in the products.

Q5: I redesigned the colors, fonts, borders of the catalog to the existing design. I also adjusted spacing and shadows to maintain a consistent look and feel across all sections of the website.

Conclusion:
Bootstrap made it easier to design a professional and responsive product catalog. It allowed me to create a clean, organized layout that adapts smoothly to all devices.

Observation:
I observed that Bootstrap's pre-built classes and grid system save a lot of time and effort. It provides flexibility and helps maintain design consistency throughout the website.