

Lab – GitHub Copilot – MCP Servers

Ex1 (refer to **Lab A** folder)

Integrate the ProductsMCPServer (from download the folder to your machine) with github copilot.

- Create an a file called “StoreUtils” with a class called “Product” based on a product object pulled from the api (the same properties)
- Create an array of Product objects with all the data pulled from the API but only for product that cost more than 50. Save those products names and description into a doc file

Ex 2 (refer to **Lab B** folder)

Create a MCP server based on the template attached.

The server expose one service (tool) called “getUser” that receives a user id as input and return his name pulled from the [https://jsonplaceholder.typicode.com/users/\[id\]](https://jsonplaceholder.typicode.com/users/[id]) api.

Set that app folder as a new MCP Server using the mcp.json config file (set your true path in the file)

Use GitHub Copilot chat to create an array of with the users names for id numbers:1,2,5, and 7

Ex 3 (refer to **Lab C** folder)

- Download the “GitHub MCP Server” (use the mcp.json file) and integrate your GitHub Copilot with him.
- Run docker
- You have a detailed design document called “UIFeatureDesign.md”
- Create a repository with your name and create issues based on that design.
- Create the code based on that issue