

Lab – MCP Server

Ex 1

Create a MCP server.

The server expose one service (tool) called “getProducts that returns data from the <https://fakestoreapi.com/products> api.

Connect A MCP Client to that server and show all the products that cost more than 100

Ex 2

Create a MCP server.

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

Use any MCP Client to connect to that server, and write a prompts for getting the users names for those with id:1,2,5 and 7

Ex 3

Create another MCP Server with a tool called “getUserName” that receives a user id as input and return the user name pulled from the MCP Server in Ex2