**Module 2: Lab 1, Java Script**

Sushmita Prafull Halasawade

IFT 544: Middleware Prog & Database Sec

Dinesh Sthapit

3 Sep 2023

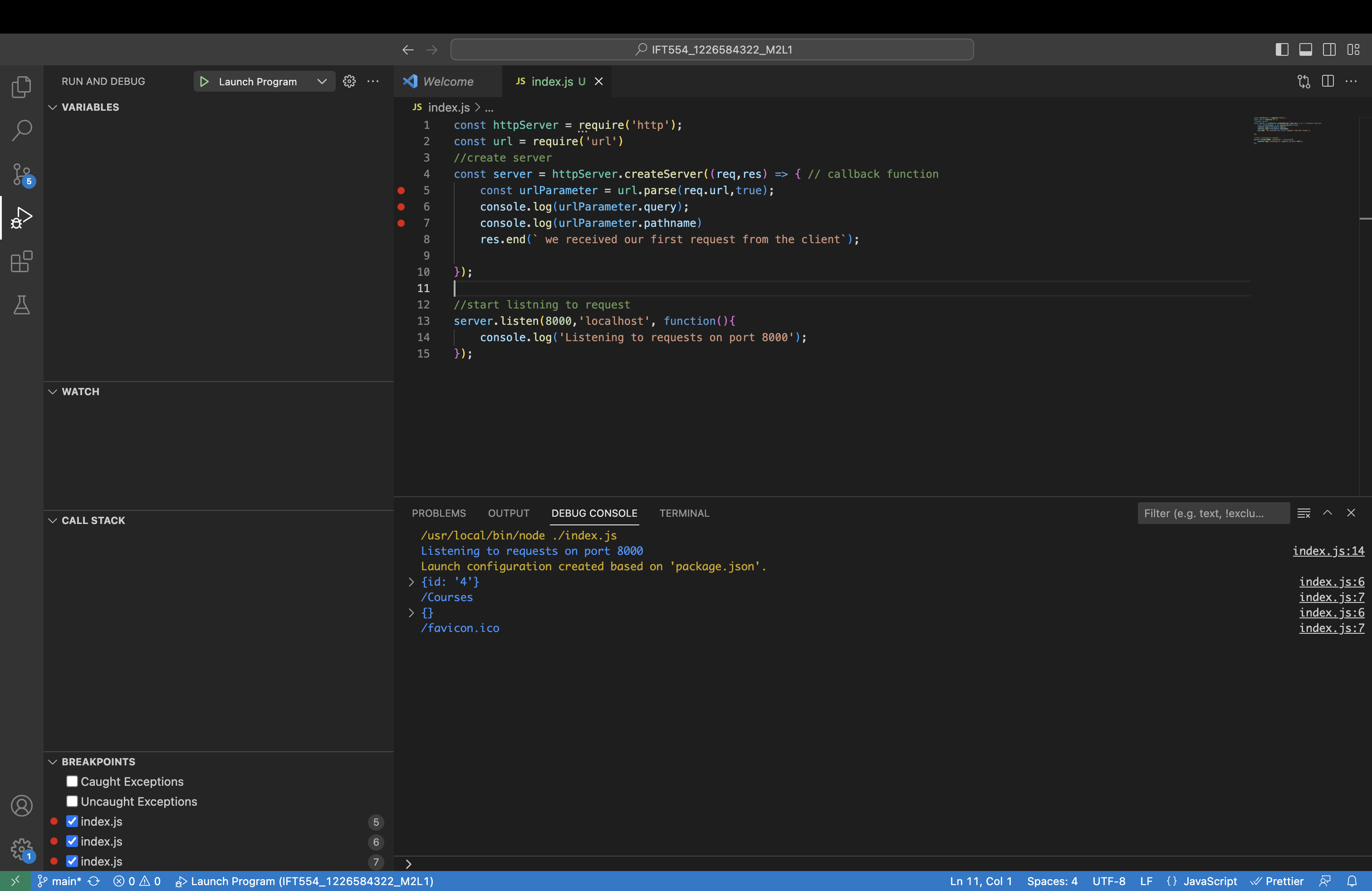
**Part A: creating http server:**

createServer(): Returns a new instance of Server.

Server.listen() : Start a server listening for connections.

url: The node:url module provides utilities for URL resolution and parsing

url.parse(): The url.parse() method takes a URL string, parses it, and returns a URL object.



A screenshot of a computer

Description automatically generated

**Part B: Setting response headers:**

writeHead(): Sends a response header to the request.

A screen shot of a computer

Description automatically generated

With id parameter: (<http://localhost:8000/Courses?id=5>) status code should be 200

A screenshot of a computer

Description automatically generated

Without id parameter: (<http://localhost:8000/Courses>) status code should be 404

A screenshot of a computer

Description automatically generated

Step6: Reading Data From File and Sending the Data to the Client:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated