

Emerging Technology Lab

Assignment 5

Node.JS & Express.JS

1. Create a module in Node.JS containing a function to reverse a number. Use ES6 default export to export the function from the module. Import the module in a separate file and test the reverse function.
2. Create a module in Node.js that contains several functions for different arithmetic operations like addition, subtraction, multiplication, and division. Use ES6 export to export all the functions from the module and use them in a separate file.
3. Write a JavaScript class containing several functions to perform file read, write, append, and delete operations. Use a constructor to set the file path. Use ES6 export to export the class and use it in a separate file to demonstrate the file operations.
4. Create a simple Node.js server that serves static HTML files. The server should be able to handle requests for different HTML files using routing and serve them accordingly.
5. Create a basic Express.js application with multiple routes that render different HTML pages. Use the express module and serve static files such as CSS and images.