717823E229

TASK – 6.1

```
function greet name
    return `Welcome, ${name}!`

class Car
    constructor make  model
        this make = make
        this model = model

    getDetails
        return `${this make} ${this model}`


const carPrice = "Rs.15 Lakh"
export   greet  Car  carPrice
```

TASK – 6.2

```
import { greet, Car, carPrice } from './myModule.js';
console.log(greet('KIRAN'));
const myCar = new Car('LAMBHORGHINI', 'RENAULT');
console.log(myCar.getDetails());
console.log(`Car price: ${carPrice}`);
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

   C:\Program Files\nodejs\node.exe .\main.js
  Welcome, KIRAN!
  LAMBHORGHINI RENAULT
  Car price: Rs.15 Lakh
```

TASK – 6.3

```
export function add(a, b) {
    return a + b;
 }
 export function subtract(a, b) {
    return a - b;
 }
 export function multiply(a, b) {
    return a * b;
 }
 export function divide(a, b) {
    if (b === 0) {
      return ('Error: Division by zero');
    }
    return a / b;
 }
```

TASK – 6.4

```javascript
import { add, subtract, multiply, divide } from './myModule1.js';
console.log(add(29, 13));
console.log(subtract(13,29));
console.log(multiply(29,13));
console.log(divide(29,0));
console.log(divide(0, 13));
```

PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL	PORTS

```
C:\Program Files\nodejs\node.exe .\main1.js
42
16
377
2 Error: Division by zero
```

TASK – 6.5

```javascript
export default function calculate(a, b, operation) {
    switch (operation) {
      case 'add':
        return a + b;
      case 'subtract':
        return a - b;
      case 'multiply':
        return a * b;
      case 'divide':
        if (b === 0) {
          return 'Error: Division by zero';
        }
        return a / b;
      default:
        return 'Invalid operation';
    }
  }
```

```javascript
import calculate from './myModule2.js';
console.log(calculate(29, 13, 'add'));
console.log(calculate(29, 13, 'subtract'));
console.log(calculate(29, 13, 'multiply'));
console.log(calculate(29, 13, 'divide'));
console.log(calculate(29, 0, 'divide'));
console.log(calculate(29, 13, 'unknown'));
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

C:\Program Files\nodejs\node.exe .\main2.js
42
16
377
2.230769230769231
Error: Division by zero
Invalid operation
```