GIAIC EXAMS PREPARATION

CODE OF CLASS 06

M. Khadim Hussain

Senior Student

M. Khadim Hussain

mkhadimhussain

calculator.ts

```ts
// Named export

// exporting variable
export const work: string = "Making Calculator";
```

addition.ts

```ts
// Named Export

// exporting function

export function add(num1: number, num2: number): string {
    const result: number = num1 + num2;
    return `Addition: ${result}`;
}

// exporting Variable
export const addDone: string = "Addition is done";
```

subtraction.ts

```ts
// exporting function

export function sub(num1: number, num2: number): string {
    const result: number = num1 - num2;
    return `Subtraction: ${result}`;
}
```

multiplication.ts

```ts
// Default export  (function)

export default function mul(num1: number, num2: number): string {
    const result: number = num1 * num2;
    return `Multiplication: ${result}`;
}
```

index.ts

```ts
// This is our main file where we will import our modules

// import "Named export" variable
import { work } from "./calculator.js";
console.log(work);

// import "Named export" function 'add()' and variable 'addDone'
import { add, addDone } from "./addition.js";
console.log(add(4, 5));
console.log(addDone);

// import "Named export" function sub()
import { sub } from "./subtraction.js";
console.log(sub(9, 3));

// import "Default export" mul()
import khadim from "./multiplication.js"
console.log(khadim(4, 2));

// Assignment
// import functions div(), power(), modulus()
```

M. Khadim Hussain