



CALL STACK



GETLENGTHOFHYPOTENUSE

()

MAIN()

SQUARE(B)

SQUARE(A)



```
const square = (num) => num * num
```

```
const getLengthOfHypotenuse = (a, b) => {  
  const sumOfSquares = () => {  
    return square(a) + square(b);  
  }  
  console.log(Math.sqrt(sumOfSquares));  
}
```

```
const main = () => {  
  getLengthOfHypotenuse(3,4);  
}
```

```
main();
```

CONSOLE.LOG ()

CALL STACK

```
const square = (num) => num * num

const getLengthOfHypotenuse = (a, b) => {
  const sumOfSquares = () => {
    return square(a) + square(b);
  }
  console.log(Math.sqrt(sumOfSquares));
}

const main = () =>{
  getLengthOfHypotenuse(3,4);
}

main();
```

**NODE JS IS NON
BLOCKING**

