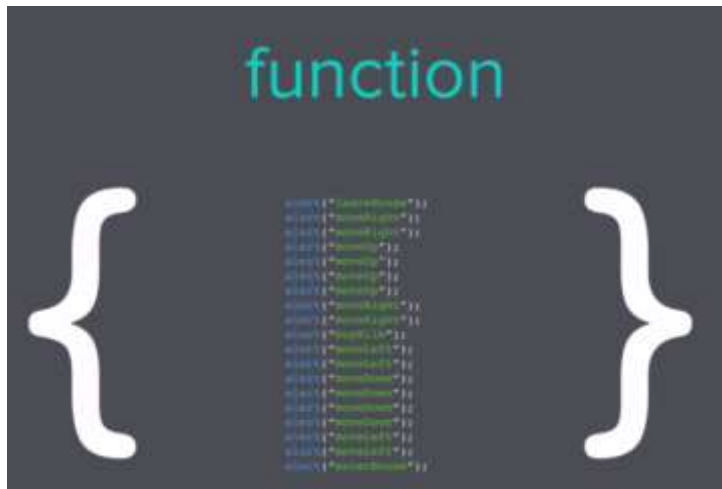


# Functions Part 1 Creating and Calling Functions

## Functions:

A function is simply a “chunk” of code that you can use over and over again, rather than writing it out multiple times.

- Functions enable programmers to break down or decompose a problem into smaller chunks, each of which performs a particular task.

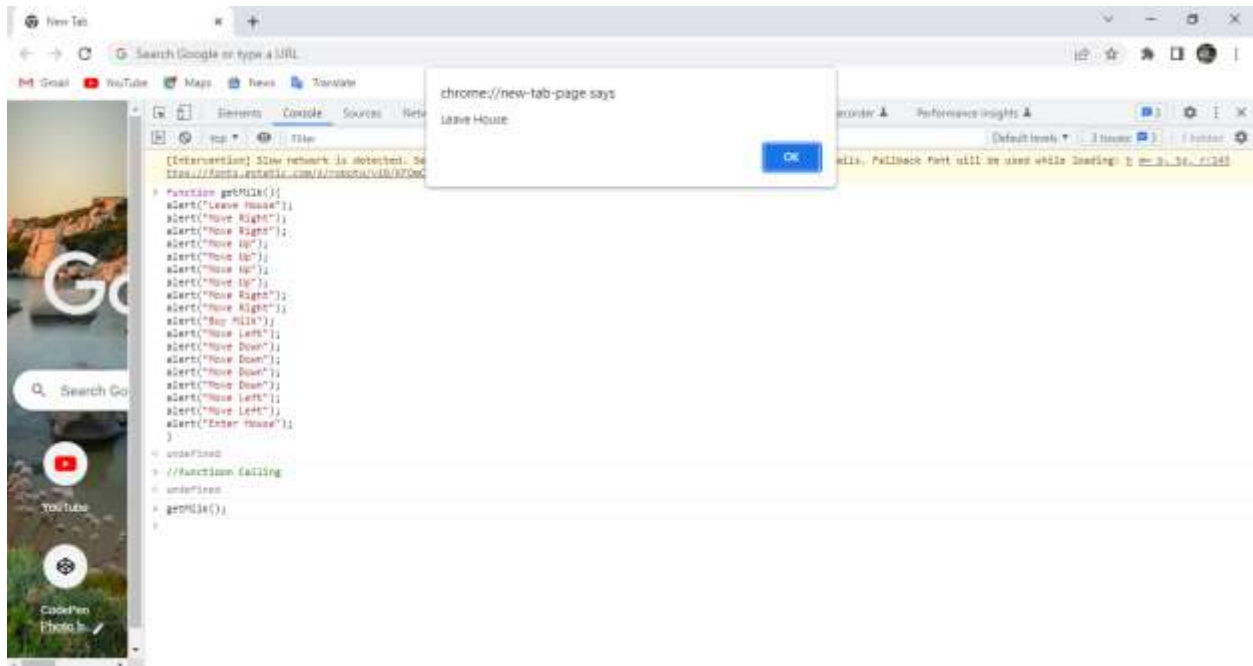




```
function getMilk ( ) {
```

[illegible]

```
getMilk();
```



These commands will run one by one. Click ok to get next command.

```
function getMilk(){  
  alert("Leave House");  
  alert("Move Right");  
  alert("Move Right");  
  alert("Move Up");  
  alert("Move Up");  
  alert("Move Up");  
  alert("Move Up");  
  alert("Move Right");  
  alert("Move Right");  
  alert("Buy Milk");  
  alert("Move Left");  
  alert("Move Down");  
  alert("Move Down");  
  alert("Move Down");  
  alert("Move Down");  
}
```

```
alert("Move Left");  
alert("Move Left");  
alert("Enter House");  
}
```

//Function call

getMilk();

```
> function getMilk(){  
  alert("Leave House");  
  alert("Move Right");  
  alert("Move Right");  
  alert("Move Up");  
  alert("Move Up");  
  alert("Move Up");  
  alert("Move Up");  
  alert("Move Right");  
  alert("Move Right");  
  alert("Buy Milk");  
  alert("Move Left");  
  alert("Move Down");  
  alert("Move Down");  
  alert("Move Down");  
  alert("Move Down");  
  alert("Move Left");  
  alert("Move Left");  
  alert("Enter House");  
}  
< undefined  
> //function Calling  
< undefined  
> getMilk();  
< undefined  
>
```

Replace **alert** with **console.log**

```
function getMilk(){  
  console.log("Leave House");  
  console.log("Move Right");  
  console.log("Move Right");  
  console.log("Move Up");  
  console.log("Move Up");  
  console.log("Move Up");  
  console.log("Move Up");  
  console.log("Move Right");  
  console.log("Move Right");  
  console.log("Buy Milk");  
  console.log("Move Left");  
  console.log("Move Down");  
  console.log("Move Down");  
  console.log("Move Down");  
  console.log("Move Down");  
  console.log("Move Left");  
  console.log("Move Left");  
  console.log("Enter House");  
}
```

//Function call

getMilk();

```

> function getMilk(){
  console.log("Leave House");
  console.log("Move Right");
  console.log("Move Right");
  console.log("Move Up");
  console.log("Move Up");
  console.log("Move Up");
  console.log("Move Up");
  console.log("Move Right");
  console.log("Move Right");
  console.log("Buy Milk");
  console.log("Move Left");
  console.log("Move Down");
  console.log("Move Down");
  console.log("Move Down");
  console.log("Move Down");
  console.log("Move Left");
  console.log("Move Left");
  console.log("Enter House");
}
< undefined

```

Result:

```

> //Function Call
< undefined
> getMilk();
  Leave House
  Move Right
  Move Right
  Move Up
  Move Up
  Move Up
  Move Up
  Move Right
  Move Right
  Buy Milk
  Move Left
  Move Down
  Move Down
  Move Down
  Move Down
  Move Left
  Move Left
  Enter House
< undefined

```

**Note:**

Console.log is only for developer to debug the code.