



# JAVASCRIPT

## FUNCTIONS

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# FUNCTION DECLARATION



```
function declaration()  
{  
  console.log("Hello");  
}
```

```
declaration()
```



# FUNCTION EXPRESSION



```
const expression=function()  
{  
  console.log("function expression");  
}  
expression()
```



# ARROW FUNCTION



```
const arrow= ()=>>
{
  console.log("Arrow Function");
}
arrow()
```




# FUNCTION GENERATOR



```
function *generator()  
{  
  yield 20;  
  yield 30;  
  yield 40;  
}  
const gen=generator();  
console.log(gen.next() value) //20  
console.log(gen.next().value) //30  
console.log(gen.next().value) //40  
console.log(gen.next() value) //undefined
```



# ASYNC FUNCTION



```
async function get()
{
  try{
    let students = await getStudents()
    console.log(students)
  }
  catch(error)
  {
    console.log(error)
  }
}
```

get()



# ANONYMOUS FUNCTION



```
const a=function(){  
  //statements;  
}
```



# CONSTRUCTOR FUNCTION



```
function Person(name="None",age=0)
{
  this.name=name;
  this.age=age;
}
let trending=new Person("Jack",18)
console.log(trending.name,trending.age)
```





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