

```
> //lambda
< undefined
> function style(){}
< undefined
> let style2 = function(){}
< undefined
> let style3 = ()=> {}
< undefined
>
```

```
> function hello(n1) {
  console.log(n1)
}
< undefined
> hello(true);
true
< undefined
> hello(66);
66
< undefined
> hello(5.8);
5.8
< undefined
> |

> hello
< f hello(n1) {
  console.log(n1)
}
>
```

```
> let temp = function(){
  }
< undefined
> temp
< f (){
  }
> temp = 100;
< 100
> temp
< 100
> |
```

```
> function hello(n1) {
  console.log(n1);
}
< undefined
< undefined
```

```
<> undefined
<> undefined
> hello(1)
1
<> undefined
> hello(3.14)
3.14
<> undefined
> hello(true)
true
<> undefined
> hello("hello world")
hello world
<> undefined
> hello(() => {})
() => {}
<> undefined
```

```
> function callbackDemo(fn) {}
<> undefined
> function callbackDemo(fn) {
  fn();
}
<> undefined
> callbackDemo(() => {
  console.log("Hello World")
})
Hello World
<> undefined

> function callbackDemo(fn) {
  if(typeof fn === 'function'){
    fn();
  }
}
<> undefined
> callbackDemo(1)
<> undefined
> callbackDemo(() => {
  console.log("Rahul")
})
Rahul
```

```
console.log("Rahul")
})
Rahul
< undefined

> function callbackDemo(fn) {
  if(typeof fn === 'function'){
    fn();
  }else{
    console.log('Error In Function Call')
  }
}
< undefined
> callbackDemo(1)
Error In Function Call
< undefined
```

```
> let str = 1;
< undefined
> let str = "hello";
< undefined
> let num = 100;
< undefined
> let lam = ()=> {console.log('Hello World')}
< undefined
> function demo(p1) {
  console.log(p1);
}
< undefined
> demo(str)
hello
< undefined
> demo(num)
100
< undefined
> demo(lam)
()=> {console.log('Hello World')}
< undefined
```

```
> function xyz(p1){
  console.log(typeof p1);
}
< undefined
```

```

    console.log(typeof p1);
  }
< undefined
> let str = "hello"
< undefined
> let num = 100;
< undefined
> let lam = () => {console.log('Hello Wprld')}
< undefined
> function xyz(p1){
  console.log(typeof p1);
}
< undefined
> xyz(str)
string
< undefined
> xyz(num)
number
< undefined
> xyz(() => {})
function
< undefined

```

```

> let str = "hello"
< undefined
> typeof str;
< "string"
> str()
✖ ▶ Uncaught TypeError: str is not a function
  at <anonymous>:1:1
> let num = 100;
< undefined
> num
< 100
> num()
✖ ▶ Uncaught TypeError: num is not a function
  at <anonymous>:1:1
> typeof num;
< "number"

```

```

> function giveMeAnyName(p1) {
  p1();
}

```

fn as an
Data

Pava

```
p1();
}
< undefined
> giveAnyName('a')
✖ ▶ Uncaught TypeError: p1 is not a function
  at giveAnyName (<anonymous>:2:2)
  at <anonymous>:1:1

> function giveAnyName(p1) {
  p1();
}
< undefined
> giveAnyName('acda')
✖ ▶ Uncaught TypeError: p1 is not a function
  at giveAnyName (<anonymous>:2:2)
  at <anonymous>:1:1

> giveAnyName(12)
✖ ▶ Uncaught TypeError: p1 is not a function
  at giveAnyName (<anonymous>:2:2)
  at <anonymous>:1:1

> giveAnyName(() => {console.log('hello');})
hello
< undefined

> function giveAnyName(p1) {
  p1();
}
< undefined
> giveAnyName(() => {console.log('test')})
test
< undefined
> let lam = () => {console.log('tetssss')}
< undefined
> giveAnyName(lam)
tetssss
< undefined
```

The diagram consists of an orange arrow that originates from the 'lam' variable in the line 'giveAnyName(lam)' and points to the 'p1' parameter in the function definition 'function giveAnyName(p1)'. A second orange arrow points from the 'p1()' call inside the function body to the 'p1' parameter, indicating the argument passing mechanism.

```
> setInterval
< f setInterval() { [native code] }
> typeof setInterval
< "function"
> setInterval(() => {
  console.log('hello', new Date())
}, 1000)
< 32
hello Tue Aug 11 2020 12:59:48 GMT+0530 (India Standard Time) VM6333:2
hello Tue Aug 11 2020 12:59:49 GMT+0530 (India Standard Time) VM6333:2
```

hello Tue Aug 11 2020 12:59:48 GMT+0530 (India Standard Time)	<u>VM6333:2</u>
hello Tue Aug 11 2020 12:59:49 GMT+0530 (India Standard Time)	<u>VM6333:2</u>
hello Tue Aug 11 2020 12:59:50 GMT+0530 (India Standard Time)	<u>VM6333:2</u>
hello Tue Aug 11 2020 12:59:51 GMT+0530 (India Standard Time)	<u>VM6333:2</u>
hello Tue Aug 11 2020 12:59:52 GMT+0530 (India Standard Time)	<u>VM6333:2</u>

Stop the window from loading:

Window.stop();