```
var x=10;
function foo(){
    console.log(x);
}
foo();
```
output:-

10

```
var x=10;
function foo(){
    var x=20;
    console.log(x);
}
foo();
```
output:-

20

```
var x=10;
function foo(){
    console.log(x);
    var x=20;

}
foo();
```

output:-

undefined


```
var x=10;
function foo(){
    console.log(x);
    var x=20;
}
var x=20;
foo();
```
output:-

undefined

```
function foo(){
    console.log(x);

}
var x=10;
foo();
```
output:-

10

```
function foo(){
    console.log(x);

}
foo();
var x=10;
```

output:-

10