

Q1

1. using unshift(value) method or using splice (0,0, value) method

2. var a = 5

var b = 8

a=a + b

b=a - b

a=a - b

Q2

1. String

2. 42

11

36

17

3. hello world

10

4. 0

false

11

5. Uncaught Reference Error

6. undefined

object

[5,0,1,2,3,4]

apple

7. {x: 1}

8. Fiat

undefined

Kia

undefined

Volvo

undefined

Mercedes

undefined

```
var str = prompt()

for(var i=0 ; i < str.length ; i++){
    console.log(str[i])
}
```

```
var arr=[1]
arr.concat(2)
console.log(arr)
```

```
var obj = {
    a:1 ,
    b:2
}
var arr1 = Object.keys(obj)
console.log(arr1)

var arr2 = Object.values(obj)
console.log(arr2)

var arr3 =Object.entries(obj)
console.log(arr3)
```

```
var num1 = Number(prompt())
var num2 = Number(prompt())

console.log(`Sum = ${num1+num2}`)
console.log(`Difference = ${num1-num2}`)
console.log(`Product = ${num1*num2}`)
console.log(`Dividend = ${num1/num2}`)
```

```
var arr=[100 , 200 , 1 ,300 ,600 ,400 , 500]
var min=0

for(var i =0 ; i < arr.length ; i++){
    if(arr[i] < arr[min]){
        min=i
    }
}
```

```
}  
console.log (`the minimum numbers is ${arr[min]} `)
```

```
let x = 5  
let sum=1  
for(var i=x ; i > 1;i--){  
sum*=i  
}  
console.log("The factorial of "+ x +" is: "+ sum)
```

```
function getvalue(){  
    var fname =prompt()  
    var lname=prompt()  
    var age=prompt()  
  
    return{  
        'FirstName' : fname ,  
        'LastName ' : lname,  
        'Age' : age  
    };  
}  
console.log(getvalue())
```