→ Sum of 1 to 100 and print result

```
Let sum = 0;
for ( let i = 01; i <= 100; i++ ) {
    sum += i
}
Console.log ( sum ) = 5050
```

→ Factorial ; n = 5

```
let n = 5
let factorial = 1
let i = 1
while ( i <= n ) {
    factorial *= i;
    i++
}
Console.log ( factorial )
```

→ Print 10 to 1 in decending order

```
Let i = 10;
```

```
while ( i >= 1 ) {
console.log (i);
i--
}
```

→ Even number 1 to 50 :

```
for (let i=1; i<=50; i++) {
if ( i%2 ==0) {
console.log (i)
}
}
```

→ Sum of even, odd b/w 1 to 20

```
let sumodd = 0;
let sumeven = 0
for (let i=1; i<=20; i++) {
if ( i%2 ==0) {
sumeven += i
} else {
sumodd += i
}
console.log (sumodd)
console.log ( sumeven)
```

→ Multiplication Table e.g :- 7
Let number = 7;
for (let i=1 ; i<=10 ; i++){
console.log (`7 * ${i} = ${number*i}`)

→ Sum of digits e.g 1234
let number = "1234"
let sum = 0;
let i = 0;
while (i < number.length) {
sum = sum + {Number(number[i])
i++
}
console.log (sum)

→ Multiple of 7 greater then 100
let i = 100
while (i<=107) {
if (i%7 == 0){
console.log (i)
} i++
}

→ Print number from 1 to 50
For multiple of 3, print "Fizz"
For multiple of 5, print "Buzz"
For both 3 && 5, print "FizzBuzz"

```
for ( let i=1 ; i<=50 ; i++ ) {
if( i%3 ==0 && i%5 ==00 ) {
console.log ( "FizzBuzz" )
} else if ( i%3 == 0 ) {
console.log ( "Fizz" )
} else if ( i%5 == 0 ) {
console.log ( "Buzz" )
} else {
console.log ( i )
}
}
```

→ Pattern printing

```
for ( let i=1 ; i<=5 ; i++) {
for( let j=i ; j<=5 ; j++ {
console.log ( "*" )
}
}
```