

-1) Write a program to print true if the number is unique else print false if it contains duplicates

input: 1211
output: False

input: 453
output: True

code:-

num = "123"

dul = true

kk=0

for(i=0;i<num.length;i++)

{

 count=0

 for(j=i+1;j<num.length;j++)

 {

 if(num[i] == num[j])

 {

 count++

 break

 }

 }

 kk=kk+count

}

if(kk > 0)

{

 dul = false;

}

if(dul)

{

 console.log("there is no duplicate values in given number : "+num+"

")+ dul)

}

else

{

 console.log("there is duplicate values in given number : "+num+"

")+dul)

}

2) Write a program to print the below expression for the given number
(Factorial)

input: 5

5*4*3*2*1=120

code:-

num = 5

factor =1

```
s = 0
for( i = num ; i>0;i--)
{
    factor = factor * i

    if(i == 1)
    {
        s = s + i+ "= "
    }
    else
    {
        s = s + i + "*"
    }

}
console.log(" factorial  "+num+" is "+s +""+factor)
```