

Write a program to print the reverse of a number

input: 218

output: 812

input:-210

output: -12

code:-

```
var a = +prompt("enter a number ")
var b = String(a).split("")
if(b[0] == "-")
{
    app = Number(a) * (-1)
    c = 0
    while(app > 0)
    {
        rem = temp%10;
        sum = (c * 10) + rem
        app = Math.floor(app/10)
    }
    console.log("-" +c)
}
else
{
    c = 0
    while(a > 0)
    {
        rem = a%10;
        sum = (c * 10) + rem
        a = Math.floor(a/10)
    }
    console.log(c)
}
```

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2) Write a program to print min,max and followed by rest of the numbers

input: 13675

output: 17365

code:-

```
b = prompt("enter a number: ").split("")
for(i = 0;i<b.length;i++)
{
    for(j =i+1;j<b.length;j++)
    {
        if(b[i] > b[j])
        {
            jas = b[j]
            b[j] = b[i]
            b[i] = jas
        }
    }
}
```

```

min = b[0]
max = b[a.length-1]
j = b.slice(1,b.length-1)
var jas = ""
for(i of j)
{
    jas = jas+i
}
console.log(min + ""+ max+ "" + jas);
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```

3) Write a program to check whether a number is palindrome or not.

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input: 121
output: 121 is palindrome

```

```

input: 467
output: 467 is not a palindrome
code:-
num = +prompt("enter a number: ")
dupli = num
palin = 0
while(num>0)
{
    last_value = num % 10;
    palin = (palin*10)+ last_value;
    num = Math.floor(num/10)
}
if (palin == dupli)
{
    console.log( dupli + " : is palind")
}
else
{
    console.log( dupli + " : is not a palind")
}

```