for(initialization;condition;iteration)

1

2

3

4

5

for(i=1;i<=5;i++)

{

document.write(i+”<br>”)

//document.write(“<br>”)

}

i condition o/p

1 1

2 2

3 3

4 4

5 5

6

5

4

3

2

1

for(i=5;i>0;i--)

{

document.write(i+”<br>”)

//document.write(“<br>”)

}

i condition o/p

5 5

4 4

3 3

2 2

1 1

0

6---n 13

1\*2\*3\*4\*5\*6=720

fact=1

fact\*2=2

fact\*3=6

fact\*4=24

24\*5=120

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  | j |  |
|  | n 6 |  |  |  |
|  |  |  |  | fact  1 |

120\*6=720 sum=0

var n,j,fact

var n,j,fact

fact=1

for(j=1;j<=n;j++)

{

fact=fact\*j

}

document.write("Factorial of given number is: " +fact)

}

n=6

j condition fact o/p

1 <=6 1 fact=1\*1=1

2 fact=1\*2=2

3 fact=2\*3=6

4 fact=6\*4=24

5 fact=24\*5=120

6 fact=120\*6=720

7 --------------

5

5 5\*1=5

10 5\*2=10

15 5\*3=15   
20 5\*4=20

25

.

.

.

60 5\*12=60

s=0;

for(i=2;i<x;i++)

{

if(x%i==0)

{

s++

break

}

}

if(s==0)

document.write("Prime")

else document.write("Composite")

x s i o/p

10 0 2

13

//s=0; 7

for(i=2;i<x;i++)

{

if(x%i==0)

{

document.write(“Not Prime”)

break

}//closing of if

}//closing of for

if(x==i)

document.write("Prime")

6 2,3,4,5

1,2,3,6

9

1,3,9