

```
//1st
```

```
row = +prompt("enter rows : ")
```

```
for(i=1;i<=row-1;i++)
{
    a = ""
    for(j=1;j<=row-i;j++)
    {
        a += " "
    }
    for(k=1;k<=i;k++)
    {
        a += "*"
    }
    console.log(a)
}
```

```
for(i=1;i<=row;i++)
{
    s = ""
    for(k=1;k<=i-1;k++)
    {
        s = s + " ";
    }
    for(j=1;j<=row-i+1;j++)
    {
        s = s + "* ";
    }
    console.log(s)
}
```

```
//2nd
```

```
row = 10
for( i = 1 ;i <= row/2 ;i++)
{
    s = ""
    for( j = 1 ;j<=row-1;j++)
    {
        if( i == 1 ||i == j||j == row-i)
        {
            s = s + "*"
        }
        else{
            s = s + " "
        }
    }
}
```

```

    }
    console.log(s)
}

//3rd
rows = +prompt("enter a no of rows : ")
prime = 2
for(i = 1;i<=rows;i++)
{
    primecount=0,s=""
    while(true)
    {
        c = 0
        for(j = 2;j<prime;j++)
        {
            if(prime%j == 0)
            {
                c++
                break
            }
        }
        if(c==0)
        {
            primecount++
            s = s+prime+" "
            if(primecount == i)
            {
                console.log(s)
                prime++
                break
            }
        }
        prime++
    }
}

```

o/p:

```

enter rows : 5
  *
 * *
* * *
* * * *
* * * * *
* * * *
* * *
 * *
  *
* * * * * * * * *
 *
  *      *
    *      *

```

\*   \*

    \*

enter a no of rows : 5

2

3 5

7 11 13

17 19 23 29

31 37 41 43 47