

Q) Write a C/Java program to accept a number n from the user and print n rows of output as given below if $n = 4$.

```
1
2 3
4 5 6
7 8 9 10
```

Code:

```
#include <stdio.h>
```

```
void main()
```

```
{
```

```
int a[100][100], i, j, n, z = 1;
```

```
printf("Enter Number of rows: ");
```

```
scanf("%d", &n);
```

```
for (i = 0; i < n; i++)
```

```
{
```

```
printf("\n");
```

```
for (j = 0; j <= i; j++)
```

```
printf("%d ", z++);
```

```
}
```

```
}
```



```
1 #include<stdio.h>
2 void main()
3 {
4     int a[100][100],i,j,n,z=1;
5     printf("Enter Number of rows:");
6     scanf("%d",&n);
7     for(i=0;i<n;i++)
8     {
9         printf("\n");
10        for(j=0;j<=i;j++)
11            printf("%d ",z++);
12    }
13 }
```



× Terminal



Enter Number of rows:5

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
Process finished.
```

× Terminal



Enter Number of rows:11

```
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45
46 47 48 49 50 51 52 53 54 55
56 57 58 59 60 61 62 63 64 65 66
Process finished.
```