

## Program to display pattern

```
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

class flo

```
{ public static void main(String ar[])
{   int i,j,k;
    int a[]=new int[10];
    int b[]=new int[10];
    b[0]=1;b[1]=1;a[0]=1;a[1]=1;
    for(i=0;i<=8;i++)
    {   for(j=1;j<i;j++)
        b[j]=a[j]+a[j-1];
        b[j]=1;
        for(k=0;k<=i;k++)
        {   System.out.print(b[k]+" ");
            a[k]=b[k];
        }
        System.out.print("\n");
    }
}
}
```

## Output:

```
C:\Documents and Settings\Administrator\Desktop\java\14-08>javac flo.java
C:\Documents and Settings\Administrator\Desktop\java\14-08>java flo
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
1 6 15 20 15 6 1
1 7 21 35 35 21 7 1
1 8 28 56 70 56 28 8 1
```