

1

212

32123|

4321234

---

100000,10000,1000,100,10,1

---


3, 8, 63, 3968, 15745023

====='

1, 4 , 36 , 1521 , 2325625

=====

```
1 //program-1
2 class Main
3 {
4     public static void main(String args[])
5     {
6         int i,j,n=1;
7         for(i=1;i<=4;i++)
8         {
9             n=i;
10            for(j=1;j<=i;j++)
11            {
12                System.out.print(n);
13                n--;
14            }
15            for(j=3;j<=i+1;j++)
16            {
17                System.out.print(j-1);
18            }
19            System.out.println();
20        }
21    }
22 }
23
24 /*Output:-
25 1
26 212
27 32123
28 4321234
29 */
```



```
1 //PROGRAM-
2 class Main
3 {
4     public static void main(String[] args)
5     {
6         int i;
7         for(i=1;i<=6;i++)
8         {
9             for(int j=6;j>=i;j--)
10            {
11                if(j==6)
12                {
13                    System.out.print("1");
14                }
15                else
16                {
17                    System.out.print("0");
18                }
19            }
20            System.out.print(",");
21        }
22    }
23 }
24 //OUTPUT: -100000,10000,1000,100,10,1,
25
```



```
1 //PROGRAM-3
2 class Main
3 {
4     public static void main(String[] args)
5     {
6         int sum=3,i;
7         for(i=1;i<=4;i++)
8         {
9             sum=(sum*sum)-1;
10            System.out.print(sum);
11            System.out.print(",");
12            sum=sum;
13        }
14    }
15 }
16 //OUTPUT: -8,63,3968,15745023,
17
```



```
1  class Main
2  {
3      public static void main(String[] args) {
4          int i,sq=1;
5          for(i=0;i<=4;i++)
6          {
7              sq=(i+sq)*(i+sq);
8              System.out.print((sq));
9              System.out.print(",");
10
11          }
12      }
13
14  }
15
16  output:- 1,4,36,1521,2325625,
```