

# Assignment No:-37

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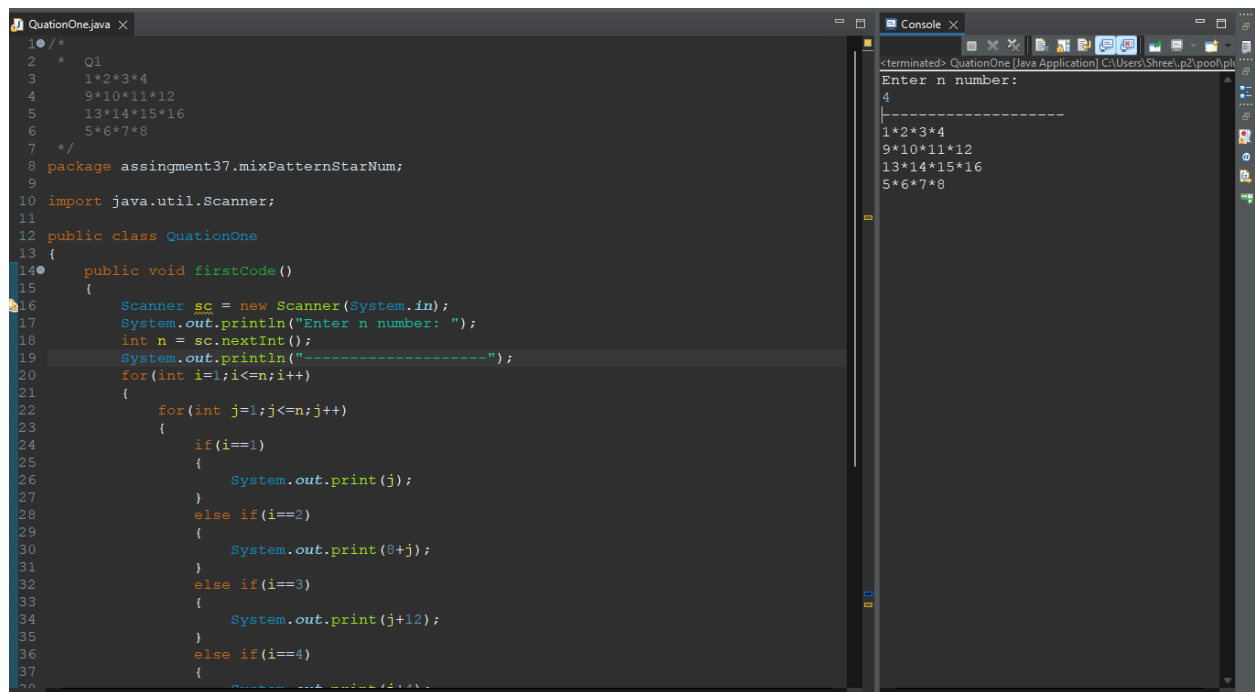
Q1

1\*2\*3\*4

9\*10\*11\*12

13\*14\*15\*16

5\*6\*7\*8



```
1  /*
2   *   Q1
3   *   1*2*3*4
4   *   9*10*11*12
5   *   13*14*15*16
6   *   5*6*7*8
7   */
8   package assingment37.mixPatternStarNum;
9
10  import java.util.Scanner;
11
12  public class QuationOne
13  {
14      public void firstCode()
15      {
16          Scanner sc = new Scanner(System.in);
17          System.out.println("Enter n number: ");
18          int n = sc.nextInt();
19          System.out.println("-----");
20          for(int i=1;i<=n;i++)
21          {
22              for(int j=1;j<=n;j++)
23              {
24                  if(i==1)
25                  {
26                      System.out.print(j);
27                  }
28                  else if(i==2)
29                  {
30                      System.out.print(8+j);
31                  }
32                  else if(i==3)
33                  {
34                      System.out.print(j+12);
35                  }
36                  else if(i==4)
37                  {
38                      System.out.print(j+16);
39                  }
40              }
41              System.out.println();
42          }
43      }
44  }
```

Console Output:

```
<terminated> QuationOne [Java Application] C:\Users\Shreel.p2\pool\ppl...
Enter n number:
4
-----
1*2*3*4
9*10*11*12
13*14*15*16
5*6*7*8
```

Q2

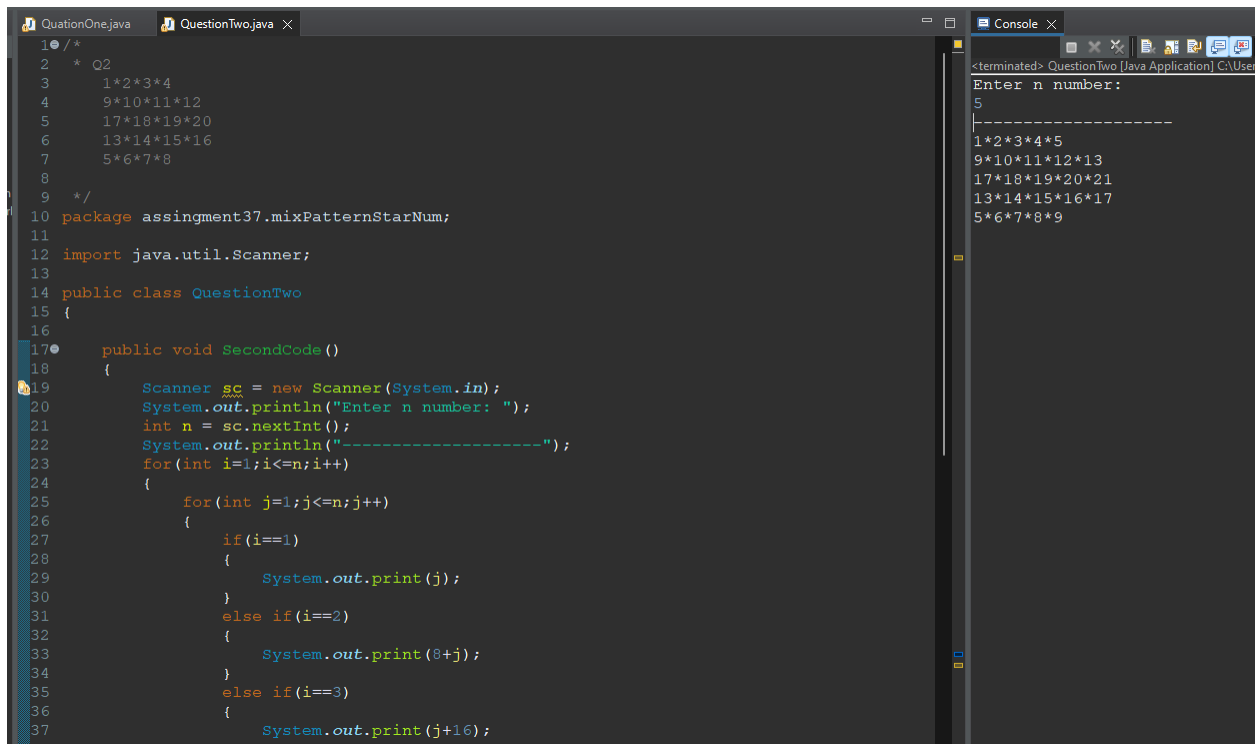
1\*2\*3\*4

9\*10\*11\*12

17\*18\*19\*20

13\*14\*15\*16

5\*6\*7\*8



```
1  /*
2   * Q2
3   * 1*2*3*4
4   * 9*10*11*12
5   * 17*18*19*20
6   * 13*14*15*16
7   * 5*6*7*8
8   */
9
10 package assingment37.mixPatternStarNum;
11
12 import java.util.Scanner;
13
14 public class QuestionTwo
15 {
16
17     public void SecondCode()
18     {
19         Scanner sc = new Scanner(System.in);
20         System.out.println("Enter n number: ");
21         int n = sc.nextInt();
22         System.out.println("-----");
23         for(int i=1;i<=n;i++)
24         {
25             for(int j=1;j<=n;j++)
26             {
27                 if(i==1)
28                 {
29                     System.out.print(j);
30                 }
31                 else if(i==2)
32                 {
33                     System.out.print(8+j);
34                 }
35                 else if(i==3)
36                 {
37                     System.out.print(j+16);
38                 }
39             }
40             System.out.println();
41         }
42     }
43 }
```

Console

```
<terminated> QuestionTwo [Java Application] C:\User
Enter n number:
5
-----
1*2*3*4*5
9*10*11*12*13
17*18*19*20*21
13*14*15*16*17
5*6*7*8*9
```

```
QuestionOne.java QuestionTwo.java Console
27         if(i==1)
28         {
29             System.out.print(j);
30         }
31         else if(i==2)
32         {
33             System.out.print(8+j);
34         }
35         else if(i==3)
36         {
37             System.out.print(j+16);
38         }
39         else if(i==4)
40         {
41             System.out.print(j+12);
42         }
43         else if(i==5)
44         {
45             System.out.print(j+4);
46         }
47         if(j<n)
48         {
49             System.out.print(" ");
50         }
51     }
52     System.out.println();
53 }
54 }
55 public static void main(String[] args) {
56     // TODO Auto-generated method stub
57     Scanner sc = new Scanner(System.in);
58     QuestionTwo q = new QuestionTwo();
59     q.SecondCode();
60 }
61 }
62 }
```

```
<terminated> QuestionTwo [Java Application] C:\Users\Shree\p
Enter n number:
5
-----
1*2*3*4*5
9*10*11*12*13
17*18*19*20*21
13*14*15*16*17
5*6*7*8*9
```

Q3

**4\*3\*2\*1**

**12\*11\*10\*9**

**8\*7\*6\*5**

**16\*15\*14\*13**

```
QuationOne.java  QuestionTwo.java  QuestionThree.java  Console
1  /*
2   * Q3
3   * 4*3*2*1
4   * 12*11*10*9
5   * 8*7*6*5
6   * 16*15*14*13
7   */
8   */
9   package assingment37.mixPatternStarNum;
10
11   import java.util.Scanner;
12
13   public class QuestionThree
14   {
15       public void thirdCode()
16       {
17           Scanner sc = new Scanner(System.in);
18           System.out.println("Enter n number: ");
19           int n = sc.nextInt();
20           System.out.println("-----");
21           int c=4;
22           for(int i=1;i<=n;i++)
23           {
24               for(int j=1;j<=n;j++)
25               {
26                   if(i==1)
27                       System.out.print(c--);
28                   if(j<n && i==1)
29                   {
30                       System.out.print("*");
31                   }
32               }
33               for(int j=1;j<=n;j++)
34               {
35                   if(i==2)
36                       System.out.print(c--);
37                   if(j<n && i==2)
38                   {
39                       System.out.print("*");
40                   }
41               }
42               for(int j=1;j<=n;j++)
43               {
44                   if(i==3)
45                       System.out.print(c--);
46                   if(j<n && i==3)
47                   {
48                       System.out.print("*");
49                   }
50               }
51               for(int j=1;j<=n;j++)
52               {
53                   if(i==4)
54                       System.out.print(c--);
55                   if(j<n && i==4)
56                   {
57                       System.out.print("*");
58                   }
59               }
60               System.out.println();
61           }
62       }
63   }
```

<terminated> QuestionThree [Java Application] C:\Users\SI  
Enter n number:  
4  
-----  
4\*3\*2\*1  
12\*11\*10\*9  
8\*7\*6\*5  
16\*15\*14\*13

```
QuationOne.java  QuestionTwo.java  QuestionThree.java  Console
43   }
44   c=12;
45   for(int i=2;i<=2;i++)
46   {
47       for(int j=1;j<=n;j++)
48       {
49           if(i==2)
50               System.out.print(c--);
51           if(j<n && i==2)
52           {
53               System.out.print("*");
54           }
55       }
56       System.out.println();
57   }
58   c=8;
59   for(int i=3;i<=3;i++)
60   {
61       for(int j=1;j<=n;j++)
62       {
63           if(i==3)
64               System.out.print(c--);
65           if(j<n && i==3)
66           {
67               System.out.print("*");
68           }
69       }
70       System.out.println();
71   }
72   c=16;
73   for(int i=4;i<=4;i++)
74   {
75       for(int j=1;j<=n;j++)
76       {
77           if(i==4)
78               System.out.print(c--);
79           if(j<n && i==4)
80           {
81               System.out.print("*");
82           }
83       }
84       System.out.println();
85   }
86   }
```

<terminated> QuestionThree [Java Application] C:\Users\SI  
Enter n number:  
4  
-----  
4\*3\*2\*1  
12\*11\*10\*9  
8\*7\*6\*5  
16\*15\*14\*13

```
QuationOne.java  QuestionTwo.java  QuestionThree.java  Console
59     for(int i=3;i<=3;i++)
60     {
61         for(int j=1;j<=n;j++)
62         {
63             if(i==3)
64                 System.out.print(c--);
65             if(j<n && i==3)
66             {
67                 System.out.print("*");
68             }
69         }
70         System.out.println();
71     }
72     c=16;
73     for(int i=4;i<=4;i++)
74     {
75         for(int j=1;j<=n;j++)
76         {
77             if(i==4)
78                 System.out.print(c--);
79             if(j<n && i==4)
80             {
81                 System.out.print("*");
82             }
83         }
84         System.out.println();
85     }
86 }
87 public static void main(String[] args) {
88     // TODO Auto-generated method stub
89     Scanner sc = new Scanner(System.in);
90     QuestionThree q = new QuestionThree();
91     q.thirdCode();
92 }
93
94 }
```

<terminated> QuestionThree [Java Application]  
Enter n number:  
4  
-----  
4\*3\*2\*1  
12\*11\*10\*9  
8\*7\*6\*5  
16\*15\*14\*13

Q4

1

2\*3

4\*5\*6

7\*8\*9\*10

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java X
5      7*8*9*10
6
7      */
8      package assingment37.mixPatternStarNum;
9
10     import java.util.Scanner;
11
12     public class QuestionFour {
13
14     public void FourthCode ()
15     {
16         Scanner sc = new Scanner(System.in);
17         System.out.println("Enter n number: ");
18         int n = sc.nextInt();
19         System.out.println("-----");
20         for(int i=1;i<=n;i++)
21         {
22             for(int j=1;j<=i;j++)
23             {
24                 System.out.print(j);
25                 if(j<i)
26                 {
27                     System.out.print("*");
28                 }
29             }
30             System.out.println();
31         }
32     }
33     public static void main(String[] args) {
34         // TODO Auto-generated method stub
35         Scanner sc = new Scanner(System.in);
36         QuestionFour q = new QuestionFour();
37         q.FourthCode();
38     }
39 }
40 }
41 }
```

Console X

```
<terminated> QuestionFour [Java Application] C:\Users\Shr
Enter n number:
4
-----
1
1*2
1*2*3
1*2*3*4
```

Q5

7\*8\*9\*10

4\*5\*6

2\*3

1

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java X Console X
2 * Q5
3 7*8*9*10
4 4*5*6
5 2*3
6 1
7
8 */
9 package assingment37.mixPatternStarNum;
10
11 import java.util.Scanner;
12
13 public class QuestionFive
14 {
15     public void FifthCode()
16     {
17         Scanner sc = new Scanner(System.in);
18         System.out.println("Enter n number: ");
19         int n = sc.nextInt();
20         System.out.println("-----");
21         int c=7;
22         for(int i=1;i<=1;i++)
23         {
24             for(int j=1;j<=n;j++)
25             {
26                 if(i==1)
27                     System.out.print(c++);
28                 if(j<n && i==1)
29                 {
30                     System.out.print("*");
31                 }
32             }
33             System.out.println();
34         }
35         c=4;
36         for(int i=2;i<=2;i++)
37         {
38             for(int j=1;j<=n-1;j++)
```

```
<terminated> QuestionFive [Java Application] C:\Users\Shree
Enter n number:
4
-----
7*8*9*10
4*5*6
2*3
1
```

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java X Console X
38     for(int j=1;j<=n-1;j++)
39     {
40         if(i==2)
41             System.out.print(c++);
42         if(j<n-1 && i==2)
43         {
44             System.out.print("*");
45         }
46     }
47     System.out.println();
48 }
49 c=2;
50 for(int i=3;i<=3;i++)
51 {
52     for(int j=1;j<=n-2;j++)
53     {
54         if(i==3)
55             System.out.print(c++);
56         if(j<n-2 && i==3)
57         {
58             System.out.print("*");
59         }
60     }
61     System.out.println();
62 }
63 c=1;
64 for(int i=4;i<=4;i++)
65 {
66     for(int j=1;j<=n-3;j++)
67     {
68         if(i==4)
69             System.out.print(c++);
70         if(j<n-3 && i==4)
71         {
72             System.out.print("*");
73         }
74     }
```

```
<terminated> QuestionFive [Java Application] C:\Users\Shree
Enter n number:
4
-----
7*8*9*10
4*5*6
2*3
1
```

```
QuestionOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java X
50     for(int i=3;i<=3;i++)
51     {
52         for(int j=1;j<=n-2;j++)
53         {
54             if(i==3)
55                 System.out.print(c++);
56             if(j<n-2 && i==3)
57             {
58                 System.out.print("*");
59             }
60         }
61         System.out.println();
62     }
63     c=1;
64     for(int i=4;i<=4;i++)
65     {
66         for(int j=1;j<=n-3;j++)
67         {
68             if(i==4)
69                 System.out.print(c++);
70             if(j<n-3 && i==4)
71             {
72                 System.out.print("*");
73             }
74         }
75         System.out.println();
76     }
77 }
78 public static void main(String[] args) {
79     // TODO Auto-generated method stub
80     Scanner sc = new Scanner(System.in);
81     QuestionFive q = new QuestionFive();
82     q.FifthCode();
83 }
84
85 }
```

```
<terminated> QuestionFive [Java Application] C:\Users\ShreeV...
Enter n number:
4
|-----|
7*8*9*10
4*5*6
= 2*3
1
```

Q6

1

4\*5\*6

2\*3

7\*8\*9\*10



```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java QuestionSix.java Console
1  /*
2   * Q6
3   *
4   * 4*5*6
5   * 2*3
6   * 7*8*9*10
7   *
8   */
9 package assingment37.mixPatternStarNum;
10
11 import java.util.Scanner;
12
13 public class QuestionSix {
14
15     public void sixthCode()
16     {
17         Scanner sc = new Scanner(System.in);
18         System.out.println("Enter n number: ");
19         int n = sc.nextInt();
20         System.out.println("-----");
21         int c=1;
22         for(int i=1;i<=1;i++)
23         {
24             for(int j=1;j<=n-3;j++)
25             {
26                 if(i==1)
27                     System.out.print(c++);
28                 if(j<n-3 && i==1)
29                 {
30                     System.out.print("*");
31                 }
32             }
33             System.out.println();
34         }
35         c=4;
36         for(int i=2;i<=2;i++)
37         {
38             for(int j=1;j<=n-1;j++)
39             {
40                 if(i==2)
41                     System.out.print(c++);
42                 if(j<n-1 && i==2)
43                 {
44                     System.out.print("*");
45                 }
46             }
47             System.out.println();
48         }
49         c=7;
50         for(int i=3;i<=3;i++)
51         {
52             for(int j=1;j<=n-2;j++)
53             {
54                 if(i==3)
55                     System.out.print(c++);
56                 if(j<n-2 && i==3)
57                 {
58                     System.out.print("*");
59                 }
60             }
61             System.out.println();
62         }
63         c=7;
64         for(int i=4;i<=4;i++)
65         {
66             for(int j=1;j<=n;j++)
67             {
68                 if(i==4)
69                     System.out.print(c++);
70                 if(j<n && i==4)
71                 {
72                     System.out.print("*");
73                 }
74             }
75             System.out.println();
76         }
77     }
78 }
```

<terminated> QuestionSix [Java Application] C:\Users\Shr...  
Enter n number:  
4  
-----  
1  
4\*5\*6  
2\*3  
7\*8\*9\*10

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java QuestionSix.java Console
37     {
38         for(int j=1;j<=n-1;j++)
39         {
40             if(i==2)
41                 System.out.print(c++);
42             if(j<n-1 && i==2)
43             {
44                 System.out.print("*");
45             }
46         }
47         System.out.println();
48     }
49     c=2;
50     for(int i=3;i<=3;i++)
51     {
52         for(int j=1;j<=n-2;j++)
53         {
54             if(i==3)
55                 System.out.print(c++);
56             if(j<n-2 && i==3)
57             {
58                 System.out.print("*");
59             }
60         }
61         System.out.println();
62     }
63     c=7;
64     for(int i=4;i<=4;i++)
65     {
66         for(int j=1;j<=n;j++)
67         {
68             if(i==4)
69                 System.out.print(c++);
70             if(j<n && i==4)
71             {
72                 System.out.print("*");
73             }
74         }
75         System.out.println();
76     }
77 }
```

<terminated> QuestionSix [Java Application] C:\Users\Shr...  
Enter n number:  
4  
-----  
1  
4\*5\*6  
2\*3  
7\*8\*9\*10

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java QuestionSix.java X
50     for(int i=3;i<=3;i++)
51     {
52         for(int j=1;j<=n-2;j++)
53         {
54             if(i==3)
55                 System.out.print(c++);
56             if(j<n-2 && i==3)
57             {
58                 System.out.print("*");
59             }
60         }
61         System.out.println();
62     }
63     c=7;
64     for(int i=4;i<=4;i++)
65     {
66         for(int j=1;j<=n;j++)
67         {
68             if(i==4)
69                 System.out.print(c++);
70             if(j<n && i==4)
71             {
72                 System.out.print("*");
73             }
74         }
75         System.out.println();
76     }
77 }
78 public static void main(String[] args) {
79     // TODO Auto-generated method stub
80     Scanner sc = new Scanner(System.in);
81     QuestionSix q = new QuestionSix();
82     q.sixthCode();
83 }
84 }
85 }
```

Console X

<terminated> QuestionSix (Java Application) C:\Users\Shree\p2\pool\pl

Enter n number:

4

-----

1

4\*5\*6

2\*3

7\*8\*9\*10

Q7

1

3\*2

6\*5\*4

10\*9\*8\*7

```
QuestionOne.java QuestionThr... QuestionFou... QuestionFiv... QuestionSix... QuestionSev... x1 Console x
10 import java.util.Scanner;
11 public class QuestionSeven {
12     public void seventhCode()
13     {
14         Scanner sc = new Scanner(System.in);
15         System.out.println("Enter n number: ");
16         int n = sc.nextInt();
17         System.out.println("-----");
18         int c=1;
19         for(int i=1;i<=1;i++)
20         {
21             for(int j=1;j<=n-3;j++)
22             {
23                 if(i==1)
24                     System.out.print(c--);
25                 if(j<n-3 && i==1)
26                 {
27                     System.out.print("*");
28                 }
29             }
30             System.out.println();
31         }
32         c=3;
33         for(int i=2;i<=2;i++)
34         {
35             for(int j=1;j<=n-2;j++)
36             {
37                 if(i==2)
38                     System.out.print(c--);
39                 if(j<n-2 && i==2)
40                 {
41                     System.out.print("*");
42                 }
43             }
44             System.out.println();
45         }
46         c=6;
47         for(int i=3;i<=3;i++)
48         {
49             for(int j=1;j<=n-1;j++)
50             {
51                 if(i==3)
52                     System.out.print(c--);
53                 if(j<n-1 && i==3)
54                 {
55                     System.out.print("*");
56                 }
57             }
58             System.out.println();
59         }
60         c=10;
61         for(int i=4;i<=4;i++)
62         {
63             for(int j=1;j<=n;j++)
64             {
65                 if(i==4)
66                     System.out.print(c--);
67                 if(j<n && i==4)
68                 {
69                     System.out.print("*");
70                 }
71             }
72             System.out.println();
73         }
74     }
75     public static void main(String[] args) {
76         Scanner sc = new Scanner(System.in);
77         QuestionSeven q = new QuestionSeven();
78         q.seventhCode();
79     }
80 }
81
```

<terminated> QuestionSeven [Java Application] C:\Users\Shree\p2\poo  
Enter n number:  
4  
-----  
1  
3\*2  
6\*5\*4  
10\*9\*8\*7

```
QuestionOne.java QuestionThr... QuestionFou... QuestionFiv... QuestionSix... QuestionSev... x1 Console x
45     }
46     c=6;
47     for(int i=3;i<=3;i++)
48     {
49         for(int j=1;j<=n-1;j++)
50         {
51             if(i==3)
52                 System.out.print(c--);
53             if(j<n-1 && i==3)
54             {
55                 System.out.print("*");
56             }
57         }
58         System.out.println();
59     }
60     c=10;
61     for(int i=4;i<=4;i++)
62     {
63         for(int j=1;j<=n;j++)
64         {
65             if(i==4)
66                 System.out.print(c--);
67             if(j<n && i==4)
68             {
69                 System.out.print("*");
70             }
71         }
72         System.out.println();
73     }
74 }
75 public static void main(String[] args) {
76     Scanner sc = new Scanner(System.in);
77     QuestionSeven q = new QuestionSeven();
78     q.seventhCode();
79 }
80 }
81
```

<terminated> QuestionSeven [Java Application] C:\Users\Shree\p2\poo  
Enter n number:  
4  
-----  
1  
3\*2  
6\*5\*4  
10\*9\*8\*7

Q8

10\*9\*8\*7

6\*5\*4

3\*2

1

```
10 public class QuestionEight {
11     public void eighthCode() {
12         Scanner sc = new Scanner(System.in);
13         System.out.println("Enter n number: ");
14         int n = sc.nextInt();
15         System.out.println("-----");
16         int c=1;
17         c=10;
18         for(int i=4;i<=4;i++)
19         {
20             for(int j=1;j<=n;j++)
21             {
22                 if(i==4)
23                     System.out.print(c--);
24                 if(j<n && i==4)
25                 {
26                     System.out.print("*");
27                 }
28             }
29             System.out.println();
30         }
31         c=6;
32         for(int i=3;i<=3;i++)
33         {
34             for(int j=1;j<=n-1;j++)
35             {
36                 if(i==3)
37                     System.out.print(c--);
38                 if(j<n-1 && i==3)
39                 {
40                     System.out.print("*");
41                 }
42             }
43             System.out.println();
44         }
45         c=3;
46         for(int i=2;i<=2;i++)
47         {
48             for(int j=1;j<=n-2;j++)
49             {
50                 if(i==2)
51                     System.out.print(c--);
52                 if(j<n-2 && i==2)
53                 {
54                     System.out.print("*");
55                 }
56             }
57             System.out.println();
58         }
59         c=1;
60         for(int i=1;i<=1;i++)
61         {
62             for(int j=1;j<=n-3;j++)
63             {
64                 if(i==1)
65                     System.out.print(c--);
66                 if(j<n-3 && i==1)
67                 {
68                     System.out.print("*");
69                 }
70             }
71             System.out.println();
72         }
73     }
74 }
```

Console Output:

```
<terminated> QuestionEight [Java Application] C:\Users\Shree\
Enter n number:
4
-----
10*9*8*7
6*5*4
3*2
1
```

```
QuationOne.java QuestionFou... QuestionFiv... QuestionSix... QuestionSev... QuestionEigh... x 2 Console x
43     System.out.println();
44 }
45 c=3;
46 for(int i=2;i<=2;i++)
47 {
48     for(int j=1;j<=n-2;j++)
49     {
50         if(i==2)
51             System.out.print(c--);
52         if(j<n-2 && i==2)
53         {
54             System.out.print("*");
55         }
56     }
57     System.out.println();
58 }
59 for(int i=1;i<=1;i++)
60 {
61     for(int j=1;j<=n-3;j++)
62     {
63         if(i==1)
64             System.out.print(c--);
65         if(j<n-3 && i==1)
66         {
67             System.out.print("*");
68         }
69     }
70     System.out.println();
71 }
72 }
73 public static void main(String[] args) {
74     Scanner sc = new Scanner(System.in);
75     QuestionEight q = new QuestionEight();
76     q.eighthCode();
77 }
78 }
```

<terminated> QuestionEight (Java Application) C:\Users\Shree\p2\
Enter n number:
4
-----
10\*9\*8\*7
6\*5\*4
3\*2
1

Q9

1

4\*5\*6

2\*3

7\*8\*9\*10

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java QuestionSix.java X Console X
1  /*
2   * Q6
3   *
4   * 4*5*6
5   * 2*3
6   * 7*8*9*10
7   *
8   */
9 package assingment37.mixPatternStarNum;
10
11 import java.util.Scanner;
12
13 public class QuestionSix {
14
15     public void sixthCode()
16     {
17         Scanner sc = new Scanner(System.in);
18         System.out.println("Enter n number: ");
19         int n = sc.nextInt();
20         System.out.println("-----");
21         int c=1;
22         for(int i=1;i<=1;i++)
23         {
24             for(int j=1;j<=n-3;j++)
25             {
26                 if(i==1)
27                     System.out.print(c++);
28                 if(j<n-3 && i==1)
29                 {
30                     System.out.print("*");
31                 }
32             }
33             System.out.println();
34         }
35         c=4;
36         for(int i=2;i<=2;i++)
37         {
38             for(int j=1;j<=n-1;j++)
39             {
40                 if(i==2)
41                     System.out.print(c++);
42                 if(j<n-1 && i==2)
43                 {
44                     System.out.print("*");
45                 }
46             }
47             System.out.println();
48         }
49         c=7;
50         for(int i=3;i<=3;i++)
51         {
52             for(int j=1;j<=n-2;j++)
53             {
54                 if(i==3)
55                     System.out.print(c++);
56                 if(j<n-2 && i==3)
57                 {
58                     System.out.print("*");
59                 }
60             }
61             System.out.println();
62         }
63         c=7;
64         for(int i=4;i<=4;i++)
65         {
66             for(int j=1;j<=n;j++)
67             {
68                 if(i==4)
69                     System.out.print(c++);
70                 if(j<n && i==4)
71                 {
72                     System.out.print("*");
73                 }
74             }
75             System.out.println();
76         }
77     }
78 }
```

<terminated> QuestionSix [Java Application] C:\Users\Shr...  
Enter n number:  
4  
-----  
1  
4\*5\*6  
2\*3  
7\*8\*9\*10

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java QuestionSix.java X Console X
37     {
38         for(int j=1;j<=n-1;j++)
39         {
40             if(i==2)
41                 System.out.print(c++);
42             if(j<n-1 && i==2)
43             {
44                 System.out.print("*");
45             }
46         }
47         System.out.println();
48     }
49     c=2;
50     for(int i=3;i<=3;i++)
51     {
52         for(int j=1;j<=n-2;j++)
53         {
54             if(i==3)
55                 System.out.print(c++);
56             if(j<n-2 && i==3)
57             {
58                 System.out.print("*");
59             }
60         }
61         System.out.println();
62     }
63     c=7;
64     for(int i=4;i<=4;i++)
65     {
66         for(int j=1;j<=n;j++)
67         {
68             if(i==4)
69                 System.out.print(c++);
70             if(j<n && i==4)
71             {
72                 System.out.print("*");
73             }
74         }
75         System.out.println();
76     }
77 }
```

<terminated> QuestionSix [Java Application] C:\Users\Shr...  
Enter n number:  
4  
-----  
1  
4\*5\*6  
2\*3  
7\*8\*9\*10

```
QuationOne.java QuestionTwo.java QuestionThree.java QuestionFour.java QuestionFive.java QuestionSix.java X
50     for(int i=3;i<=3;i++)
51     {
52         for(int j=1;j<=n-2;j++)
53         {
54             if(i==3)
55                 System.out.print(c++);
56             if(j<n-2 && i==3)
57             {
58                 System.out.print("*");
59             }
60         }
61         System.out.println();
62     }
63     c=7;
64     for(int i=4;i<=4;i++)
65     {
66         for(int j=1;j<=n;j++)
67         {
68             if(i==4)
69                 System.out.print(c++);
70             if(j<n && i==4)
71             {
72                 System.out.print("*");
73             }
74         }
75         System.out.println();
76     }
77 }
78 public static void main(String[] args) {
79     // TODO Auto-generated method stub
80     Scanner sc = new Scanner(System.in);
81     QuestionSix q = new QuestionSix();
82     q.sixthCode();
83 }
84 }
85 }
```

Console X

<terminated> QuestionSix (Java Application) C:\Users\Shree\p2\pool\pl

Enter n number:

4

-----

1

4\*5\*6

2\*3

7\*8\*9\*10

Q10

1

2\*2

3\*3\*3

4\*4\*4\*4

3\*3\*3

2\*2

1

```
1 1. /*
2  * Q10
3  * 1
4  * 2*2
5  * 3*3*3
6  * 4*4*4*4
7  * 3*3*3
8  * 2*2
9  * 1
10 */
11 package assingment37.mixPatternStarNum;
12
13
14 import java.util.Scanner;
15
16 public class QuestionTen {
17     public void tenthCode()
18     {
19         Scanner sc = new Scanner(System.in);
20         System.out.println("Enter n number: ");
21         int n = sc.nextInt();
22         System.out.println("-----");
23         int c=1;
24         for(int i=1;i<=n;i++)
25         {
26             for(int j=1;j<=i;j++)
27             {
28                 System.out.print(c);
29                 if(j<i)
30                 {
31                     System.out.print("*");
32                 }
33             }
34             c++;
35             System.out.println();
36         }
37         c=3;
38     }
39 }
```

Console

```
<terminated> QuestionTen [Java Application] C:\Users\Shree\p2
Enter n number:
4
-----
1
2*2
3*3*3
4*4*4*4
3*3*3
2*2
1
```

```
23     public void tenthCode()
24     {
25         for(int i=1;i<=n;i++)
26         {
27             for(int j=1;j<=i;j++)
28             {
29                 System.out.print(c);
30                 if(j<i)
31                 {
32                     System.out.print("*");
33                 }
34             }
35             c++;
36             System.out.println();
37         }
38         c=3;
39         for(int i=1;i<=n-1;i++)
40         {
41             for(int j=n-1;j>=i;j--)
42             {
43                 System.out.print(c);
44                 if(j>i)
45                 {
46                     System.out.print("*");
47                 }
48             }
49             c--;
50             System.out.println();
51         }
52     }
53     public static void main(String[] args) {
54         // TODO Auto-generated method stub
55         Scanner sc = new Scanner(System.in);
56         QuestionTen q = new QuestionTen();
57         q.tenthCode();
58     }
59 }
```

Console

```
<terminated> QuestionTen [Java Application] C:\Users\Shree\p2\pool.p
Enter n number:
4
-----
1
2*2
3*3*3
4*4*4*4
3*3*3
2*2
1
```



Q11

1

2\*2

3\*3\*3

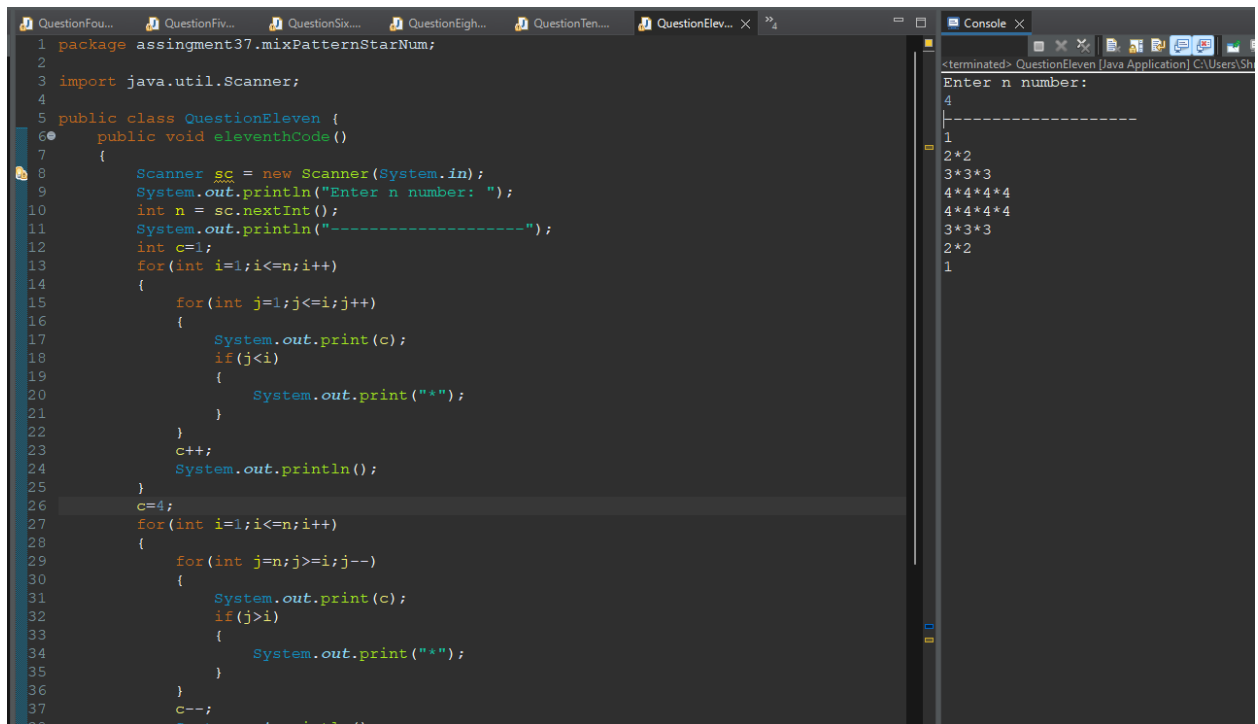
4\*4\*4\*4

4\*4\*4\*4

3\*3\*3

2\*2

1



```
1 package assingment37.mixPatternStarNum;
2
3 import java.util.Scanner;
4
5 public class QuestionEleven {
6     public void eleventhCode()
7     {
8         Scanner sc = new Scanner(System.in);
9         System.out.println("Enter n number: ");
10        int n = sc.nextInt();
11        System.out.println("-----");
12        int c=1;
13        for(int i=1;i<=n;i++)
14        {
15            for(int j=1;j<=i;j++)
16            {
17                System.out.print(c);
18                if(j<i)
19                {
20                    System.out.print("*");
21                }
22            }
23            c++;
24            System.out.println();
25        }
26        c=4;
27        for(int i=1;i<=n;i++)
28        {
29            for(int j=n;j>=i;j--)
30            {
31                System.out.print(c);
32                if(j>i)
33                {
34                    System.out.print("*");
35                }
36            }
37            c--;
38            System.out.println();
39        }
40    }
41}
```

<terminated> QuestionEleven [Java Application] C:\Users\Sh...  
Enter n number:  
4  
-----  
1  
2\*2  
3\*3\*3  
4\*4\*4\*4  
4\*4\*4\*4  
3\*3\*3  
2\*2  
1

```
11  System.out.println(
12      int c=1;
13      for(int i=1;i<=n;i++)
14      {
15          for(int j=1;j<=i;j++)
16          {
17              System.out.print(c);
18              if(j<i)
19              {
20                  System.out.print("*");
21              }
22          }
23          c++;
24          System.out.println();
25      }
26      c=4;
27      for(int i=1;i<=n;i++)
28      {
29          for(int j=n;j>=i;j--)
30          {
31              System.out.print(c);
32              if(j>i)
33              {
34                  System.out.print("*");
35              }
36          }
37          c--;
38          System.out.println();
39      }
40  }
41  public static void main(String[] args) {
42      // TODO Auto-generated method stub
43      Scanner sc = new Scanner(System.in);
44      QuestionEleven q = new QuestionEleven();
45      q.eleventhCode();
46  }
47  }
48  }
```

Console X

<terminated> QuestionEleven (Java Application) C:\Users\...  
Enter n number:  
4  
-----  
1  
2\*2  
3\*3\*3  
4\*4\*4\*4  
4\*4\*4\*4  
3\*3\*3  
2\*2  
1

Q12

4\*4\*4\*4

3\*3\*3

2\*2

1

1

2\*2

3\*3\*3

4\*4\*4\*4

```
1  /*
2   * 4*4*4*4
3   * 3*3*3
4   * 2*2
5   * 1
6   * 1
7   * 2*2
8   * 3*3*3
9   * 4*4*4*4
10
11  */
12  package assingment37.mixPatternStarNum;
13
14  import java.util.Scanner;
15
16  public class QuestionTwelve {
17
18      public void TwelvethCode()
19      {
20          Scanner sc = new Scanner(System.in);
21          System.out.println("Enter n number: ");
22          int n = sc.nextInt();
23          System.out.println("-----");
24          int c=4;
25          for(int i=1; i<=n; i++)
26          {
27              for(int j=n; j>=i; j--)
28              {
29                  System.out.print(c);
30                  if(j>1)
31                  {
32                      System.out.print("*");
33                  }
34              }
35              c--;
36              System.out.println();
37          }
38      }
39  }
```

Console

```
<terminated> QuestionTwelve [Java Application] C:\Users\SI...
Enter n number:
4
-----
4*4*4*4
3*3*3
2*2
1
1
2*2
3*3*3
4*4*4*4
```

```
24  int c=4;
25  for(int i=1; i<=n; i++)
26  {
27      for(int j=n; j>=i; j--)
28      {
29          System.out.print(c);
30          if(j>1)
31          {
32              System.out.print("*");
33          }
34      }
35      c--;
36      System.out.println();
37  }
38  c=1;
39  for(int i=1; i<=n; i++)
40  {
41      for(int j=1; j<=i; j++)
42      {
43          System.out.print(c);
44          if(j<i)
45          {
46              System.out.print("*");
47          }
48      }
49      c++;
50      System.out.println();
51  }
52  }
53  public static void main(String[] args) {
54      // TODO Auto-generated method stub
55      Scanner sc = new Scanner(System.in);
56      QuestionTwelve q = new QuestionTwelve();
57      q.TwelvethCode();
58  }
59
60 }
```

Console

```
<terminated> QuestionTwelve [Java Application] C:\Users\Shree\p2\poc...
Enter n number:
4
-----
4*4*4*4
3*3*3
2*2
1
1
2*2
3*3*3
4*4*4*4
```

Q13

2

3\*3

4\*4\*4

3\*3

2

```
1  /*
2   * Q10
3   * 1
4   * 2*2
5   * 3*3*3
6   * 4*4*4*4
7   * 3*3*3
8   * 2*2
9   * 1
10
11  */
12  package assingment37.mixPatternStarNum;
13
14  import java.util.Scanner;
15
16  public class QuestionTen {
17      public void tenthCode()
18      {
19          Scanner sc = new Scanner(System.in);
20          System.out.println("Enter n number: ");
21          int n = sc.nextInt();
22          System.out.println("-----");
23          int c=2;
24          for(int i=1;i<=n;i++)
25          {
26              for(int j=1;j<=i;j++)
27              {
28                  System.out.print(c);
29                  if(j<i)
30                  {
31                      System.out.print("*");
32                  }
33              }
34              c++;
35              System.out.println();
36          }
37          c=3;
38      }
39  }
```

Console

```
<terminated> QuestionTen [Java Application] C:\Users\Shree\p2\
Enter n number:
3
-----
2
3*3
4*4*4
3*3
2
```

```
23  System.out.println("-----");
24  int c=2;
25  for(int i=1;i<=n;i++)
26  {
27      for(int j=1;j<=i;j++)
28      {
29          System.out.print(c);
30          if(j<i)
31          {
32              System.out.print("*");
33          }
34          c++;
35          System.out.println();
36      }
37      c=3;
38      for(int i=1;i<=n-1;i++)
39      {
40          for(int j=n-1;j>=i;j--)
41          {
42              System.out.print(c);
43              if(j>i)
44              {
45                  System.out.print("*");
46              }
47          }
48          c--;
49          System.out.println();
50      }
51  }
52  public static void main(String[] args) {
53      // TODO Auto-generated method stub
54      Scanner sc = new Scanner(System.in);
55      QuestionTen q = new QuestionTen();
56      q.tenthCode();
57  }
58
59 }
```

Console

```
<terminated> QuestionTen [Java Application] C:\Users\Shree\p2\
Enter n number:
3
-----
2
3*3
4*4*4
3*3
2
```

Q14

2

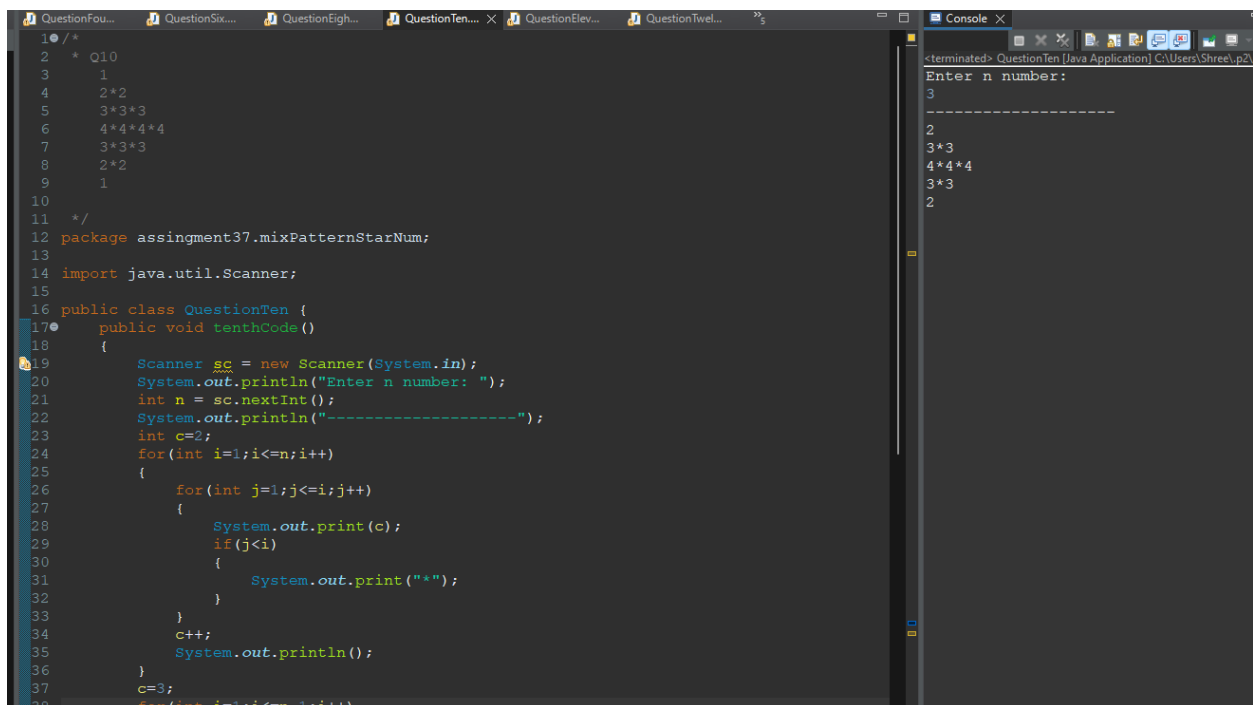
3\*3

4\*4\*4

4\*4\*4

3\*3

2



```
1  /*
2   * Q10
3   * 1
4   * 2*2
5   * 3*3*3
6   * 4*4*4*4
7   * 3*3*3
8   * 2*2
9   * 1
10  */
11  */
12  package assingment37.mixPatternStarNum;
13
14  import java.util.Scanner;
15
16  public class QuestionTen {
17      public void tenthCode()
18      {
19          Scanner sc = new Scanner(System.in);
20          System.out.println("Enter n number: ");
21          int n = sc.nextInt();
22          System.out.println("-----");
23          int c=2;
24          for(int i=1;i<=n;i++)
25          {
26              for(int j=1;j<=i;j++)
27              {
28                  System.out.print(c);
29                  if(j<i)
30                  {
31                      System.out.print("*");
32                  }
33              }
34              c++;
35              System.out.println();
36          }
37          c=3;
38          for(int i=1;i<=n;i++)
```

<terminated> QuestionTen [Java Application] C:\Users\Shree\p2\

Enter n number:  
3  
-----  
2  
3\*3  
4\*4\*4  
3\*3  
2

```
QuestionFou... QuestionSix... QuestionEigh... QuestionTen... X QuestionElev... QuestionTwel... 3
23     System.out.println(c);
24     for (int i=1; i<=n; i++)
25     {
26         for (int j=1; j<=i; j++)
27         {
28             System.out.print(c);
29             if (j<i)
30             {
31                 System.out.print("*");
32             }
33         }
34         c++;
35         System.out.println();
36     }
37     c=3;
38     for (int i=1; i<=n-1; i++)
39     {
40         for (int j=n-1; j>=i; j--)
41         {
42             System.out.print(c);
43             if (j>i)
44             {
45                 System.out.print("*");
46             }
47         }
48         c--;
49         System.out.println();
50     }
51 }
52 public static void main(String[] args) {
53     // TODO Auto-generated method stub
54     Scanner sc = new Scanner(System.in);
55     QuestionTen q = new QuestionTen();
56     q.tenthCode();
57 }
58 }
59 }
```

Console X

<terminated> QuestionTen [Java Application] C:\Users\Shree\p2

Enter n number:

3

-----

2

3\*3

4\*4\*4

3\*3

2

Q15

6\*6\*6\*6

5\*5\*5

4\*4

3

3

4\*4

5\*5\*5

6\*6\*6\*6

```
1  /*
2   * 6*6*6*6
3   * 5*5*5
4   * 4*4
5   * 3
6   * 3
7   * 4*4
8   * 5*5*5
9   * 6*6*6*6
10
11  */
12  package assingment37.mixPatternStarNum;
13
14  import java.util.Scanner;
15
16  public class QuestionTwelve {
17
18      public void TwelvethCode()
19      {
20          Scanner sc = new Scanner(System.in);
21          System.out.println("Enter n number: ");
22          int n = sc.nextInt();
23          System.out.println("-----");
24          int c=6;
25          for(int i=1;i<=n;i++)
26          {
27              for(int j=n;j>=i;j--)
28              {
29                  System.out.print(c);
30                  if(j>i)
31                  {
32                      System.out.print("*");
33                  }
34              }
35              c--;
36              System.out.println();
37          }
38      }
39  }
```

```
<terminated> QuestionTwelve [Java Application] C:\Users\Shree\p
Enter n number:
4
-----
6*6*6*6
5*5*5
4*4
3
3
4*4
5*5*5
6*6*6*6
```

```
25  System.out.println(c);
26  int c=6;
27  for(int i=1;i<=n;i++)
28  {
29      for(int j=n;j>=i;j--)
30      {
31          System.out.print(c);
32          if(j>i)
33          {
34              System.out.print("*");
35          }
36          c--;
37          System.out.println();
38      }
39      c=3;
40      for(int i=1;i<=n;i++)
41      {
42          for(int j=1;j<=i;j++)
43          {
44              System.out.print(c);
45              if(j<i)
46              {
47                  System.out.print("*");
48              }
49              c++;
50              System.out.println();
51          }
52      }
53  }
54  public static void main(String[] args) {
55      // TODO Auto-generated method stub
56      Scanner sc = new Scanner(System.in);
57      QuestionTwelve q = new QuestionTwelve();
58      q.TwelvethCode();
59  }
60
61 }
```

```
<terminated> QuestionTwelve [Java Application] C:\Use
Enter n number:
4
-----
6*6*6*6
5*5*5
4*4
3
3
4*4
5*5*5
6*6*6*6
```