



```
1  /*
2
3  *
4  *
5  *
6  *
7  *
8
9  */
10
11 import java.util.Scanner;
12 class Q1 {
13     public static void pattern1(int n){
14         for(int i = 1; i<=n; i++){
15             System.out.println("*");
16         }
17     }
18
19     public static void main(String [] args){
20         Scanner sc = new Scanner(System.in);
21
22         System.out.print("Enter a number : ");
23         int n = sc.nextInt();
24
25         pattern1(n);
26     }
27 }
28
29 /*
30 More Pattern Based Questions uploaded in this folder link :-
31 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
32
33 // Folder Structure :-
34 Java-Assignment_J-Spider/
35 |— Assign24/
36 |   |— Q1.java
37
38
39 */
```



```
1  /*
2      * * * * *
3  */
4  import java.util.Scanner;
5  public class Q2 {
6      public static void pattern1(int n){
7          for(int i = 1; i<=n; i++){
8              System.out.print("* ");
9          }
10     }
11
12     public static void main(String [] args){
13         Scanner sc = new Scanner(System.in);
14
15         System.out.print("Enter a number : ");
16         int n = sc.nextInt();
17
18         pattern1(n);
19     }
20 }
21
22 /*
23     More Pattern Based Questions uploaded in this folder link :-
24     https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
25
26     // Folder Structure :-
27     Java-Assignment_J-Spider/
28     |— Assign24/
29     |   └— Q2.java
30
31
32  */
```

```

1  /*
2      * * * * *
3      * * * * *
4      * * * * *
5      * * * * *
6      * * * * *
7  */
8
9  import java.util.Scanner;
10
11 public class Q3 {
12     public static void pattern1(int n){
13         for(int i = 1; i<=n; i++){
14             for(int j=1; j<=n; j++){
15                 System.out.print("* ");
16             }
17             System.out.println();
18         }
19     }
20
21     public static void main(String [] args){
22         Scanner sc = new Scanner(System.in);
23
24         System.out.print("Enter a number : ");
25         int n = sc.nextInt();
26
27         pattern1(n);
28         sc.close();
29     }
30 }
31
32 /*
33     More Pattern Based Questions uploaded in this folder link :-
34     https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
35
36     // Folder Structure :-
37     Java-Assignment_J-Spider/
38     |— Assign24/
39         |— Q3.java
40
41
42 */

```




```
1  /*
2      * * *
3      * * *
4      * * *
5      * * *
6      * * *
7  */
8
9  public class Q4 {
10      public static void pattern(int n){
11          for(int i = 1; i<=n; i++){
12              for(int j=1; j<=n-4; j++){
13                  System.out.print("* ");
14              }
15              System.out.println();
16          }
17      }
18
19      public static void main(String [] args){
20          int n = 7;
21
22          pattern(n);
23
24      }
25  }
26
27  /*
28      More Pattern Based Questions uploaded in this folder link :-
29      https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
30
31      // Folder Structure :-
32      Java-Assignment_J-Spider/
33      |— Assign24/
34          |— Q4.java
35
36
37  */
```



```
1  /*
2      1 1 1 1 1
3      2 2 2 2 2
4      3 3 3 3 3
5      4 4 4 4 4
6      5 5 5 5 5
7  */
8  import java.util.Scanner;
9  public class Q5 {
10     public static void pattern(int n){
11         for(int i = 1; i<=n; i++){
12             for(int j=1; j<=n; j++){
13                 System.out.print(i + " ");
14             }
15             System.out.println();
16         }
17     }
18
19     public static void main(String [] args){
20         Scanner sc = new Scanner(System.in);
21         System.out.print("Enter a number : ");
22         int n = sc.nextInt();
23
24         pattern(n);
25         sc.close();
26     }
27 }
28
29 /*
30 More Pattern Based Questions uploaded in this folder link :-
31 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
32
33 // Folder Structure :-
34 Java-Assignment_J-Spider/
35 |— Assign24/
36 |   |— Q5.java
37
38
39 */
```



```
1  /*
2      1 2 3 4 5
3      1 2 3 4 5
4      1 2 3 4 5
5      1 2 3 4 5
6      1 2 3 4 5
7  */
8  import java.util.Scanner;
9  public class Q6 {
10     public static void pattern(int n){
11         for(int i = 1; i<=n; i++){
12             for(int j=1; j<=n; j++){
13                 System.out.print(j + " ");
14             }
15             System.out.println();
16         }
17     }
18
19     public static void main(String [] args){
20         Scanner sc = new Scanner(System.in);
21         System.out.print("Enter a number : ");
22         int n = sc.nextInt();
23
24         pattern(n);
25         sc.close();
26     }
27 }
28
29 /*
30 More Pattern Based Questions uploaded in this folder link :-
31 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
32
33 // Folder Structure :-
34 Java-Assignment_J-Spider/
35 |— Assign24/
36 |   |— Q6.java
37
38
39 */
```




```
1  /*
2      (1,1) (1,2) (1,3) (1,4) (1,5)
3
4      (2,1) (2,2) (2,3) (2,4) (2,5)
5
6      (3,1) (3,2) (3,3) (3,4) (3,5)
7
8      (4,1) (4,2) (4,3) (4,4) (4,5)
9
10     (5,1) (5,2) (5,3) (5,4) (5,5)
11 */
12 import java.util.Scanner;
13 public class Q7 {
14     public static void pattern(int n){
15         for(int i = 1; i<=n; i++){
16             for(int j=1; j<=n; j++){
17                 System.out.printf("(+"+i+", "+"+j+") ");
18             }
19             System.out.println();
20         }
21     }
22
23     public static void main(String [] args){
24         Scanner sc = new Scanner(System.in);
25         System.out.print("Enter a number : ");
26         int n = sc.nextInt();
27
28         pattern(n);
29         sc.close();
30     }
31 }
32
33 /*
34     More Pattern Based Questions uploaded in this folder link :-
35     https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
36
37     // Folder Structure :-
38     Java-Assignment_J-Spider/
39     |— Assign24/
40     |   |— Q7.java
41
42
43 */
```

```

1  /*
2      *
3      *
4      * * * * *
5      *
6      *
7  */
8  import java.util.Scanner;
9  public class Q8 {
10     public static void pattern(int n){
11         int mid = n/2 + 1;
12         if(n%2==0){
13             System.out.println("Please Enter only odd number.");
14             return;
15         }
16         for(int i = 1; i<=n; i++){
17             for(int j=1; j<=n; j++){
18                 if(i==mid || j==mid){
19                     System.out.printf("* ");
20                 }
21                 else{
22                     System.out.printf("  ");
23                 }
24             }
25             System.out.println();
26         }
27     }
28
29     public static void main(String [] args){
30         Scanner sc = new Scanner(System.in);
31         System.out.print("Enter a number : ");
32         int n = sc.nextInt();
33
34         pattern(n);
35         sc.close();
36     }
37 }
38
39 /*
40 More Pattern Based Questions uploaded in this folder link :-
41 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
42
43 // Folder Structure :-
44 Java-Assignment_J-Spider/
45 |— Assign24/
46 |   |— Q8.java
47
48
49 */

```




```
1  /*
2      * * * * *
3      *       *
4      *       *
5      *       *
6      * * * * *
7  */
8  import java.util.Scanner;
9  public class Q9 {
10     public static void pattern(int n){
11         for(int i = 1; i<=n; i++){
12             for(int j=1; j<=n; j++){
13                 if(i==1 || j==1 || i==n || j==n){
14                     System.out.printf("* ");
15                 }
16                 else{
17                     System.out.printf("  ");
18                 }
19             }
20             System.out.println();
21         }
22     }
23
24     public static void main(String [] args){
25         Scanner sc = new Scanner(System.in);
26         System.out.print("Enter a number : ");
27         int n = sc.nextInt();
28
29         pattern(n);
30         sc.close();
31     }
32 }
33
34 /*
35     More Pattern Based Questions uploaded in this folder link :-
36     https://github.com/AnkushRajMaheYam/Java-Assignment_J-Spider/tree/main/Assign24
37
38     // Folder Structure :-
39     Java-Assignment_J-Spider/
40     |— Assign24/
41     |   └— Q9.java
42
43
44     */
```



```
1  /*
2      * * * * *
3      * * * * *
4      * *   * *
5      * * * * *
6      * * * * *
7
8  */
9  import java.util.Scanner;
10 public class Q10 {
11     public static void pattern(int n){
12         for(int i = 1; i<=n; i++){
13             for(int j=1; j<=n; j++){
14                 if(i<=2 || j<=2 || i>=n-1 || j>=n-1){
15                     System.out.printf("* ");
16                 }
17                 else{
18                     System.out.printf("  ");
19                 }
20             }
21             System.out.println();
22         }
23     }
24
25     public static void main(String [] args){
26         Scanner sc = new Scanner(System.in);
27         System.out.print("Enter a number : ");
28         int n = sc.nextInt();
29
30         pattern(n);
31         sc.close();
32     }
33 }
34
35 /*
36 More Pattern Based Questions uploaded in this folder link :-
37 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
38
39 // Folder Structure :-
40 Java-Assignment_J-Spider/
41 |— Assign24/
42 |   |— Q8.java
43
44
45 */
```




```
1  /*
2      * * * * *
3      *   *   *
4      * * * * *
5      *   *   *
6      * * * * *
7
8  */
9  import java.util.Scanner;
10 public class Q11 {
11     public static void pattern(int n){
12         int mid = n/2+1;
13         if(n%2==0){
14             System.out.println("it is only give perfect structure in odd number. So, Please Enter a odd number.");
15             return;
16         }
17         for(int i = 1; i<=n; i++){
18             for(int j=1; j<=n; j++){
19                 if(i==mid || j==mid || i==1 || j==1 || i==n || j==n){
20                     System.out.printf("* ");
21                 }
22                 else{
23                     System.out.printf("  ");
24                 }
25             }
26             System.out.println();
27         }
28     }
29
30     public static void main(String [] args){
31         Scanner sc = new Scanner(System.in);
32         System.out.print("Enter a number : ");
33         int n = sc.nextInt();
34
35         pattern(n);
36         sc.close();
37     }
38 }
39
40 /*
41 More Pattern Based Questions uploaded in this folder link :-
42 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
43
44 // Folder Structure :-
45 Java-Assignment_J-Spider/
46 |— Assign24/
47 |   |— Q11.java
48
49
50 */
```




```
1  /*
2      * * * * *
3      * *   * *
4      *   *   *
5      * *   * *
6      * * * * *
7
8
9  */
10 import java.util.Scanner;
11 public class Q12 {
12     public static void pattern(int n){
13         for(int i = 1; i<=n; i++){
14             for(int j=1; j<=n; j++){
15                 if(i==1 || j==1 || i==n || j==n || i==j || i+j==n+1){
16                     System.out.printf("* ");
17                 }
18                 else{
19                     System.out.printf("  ");
20                 }
21             }
22             System.out.println();
23         }
24     }
25
26     public static void main(String [] args){
27         Scanner sc = new Scanner(System.in);
28         System.out.print("Enter a number : ");
29         int n = sc.nextInt();
30
31         pattern(n);
32         sc.close();
33     }
34 }
35
36 /*
37 More Pattern Based Questions uploaded in this folder link :-
38 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
39
40 // Folder Structure :-
41 Java-Assignment_J-Spider/
42 |— Assign24/
43 |   |— Q12.java
44
45
46 */
```



```
1  /*
2      *   * * *
3      *   *
4      * * * * *
5          *   *
6      * * *   *
7
8
9  */
10 import java.util.Scanner;
11 public class Q13 {
12     public static void pattern(int n){
13         int mid = n/2+1;
14         if(n%2==0){
15             System.out.println("Please enter odd number for get proper pattern.");
16             return;
17         }
18         for(int i = 1; i<=n; i++){
19             for(int j=1; j<=n; j++){
20                 if(i==mid || j==mid || i==1 && j>=mid || j==1 && i<=mid || i==n && j<=mid || j==n && i>=mid){
21                     System.out.printf("* ");
22                 }
23                 else{
24                     System.out.printf("  ");
25                 }
26             }
27             System.out.println();
28         }
29     }
30
31     public static void main(String [] args){
32         Scanner sc = new Scanner(System.in);
33         System.out.print("Enter a number : ");
34         int n = sc.nextInt();
35
36         pattern(n);
37         sc.close();
38     }
39 }
40
41 /*
42 More Pattern Based Questions uploaded in this folder link :-
43 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
44
45 // Folder Structure :-
46 Java-Assignment_J-Spider/
47 |— Assign24/
48 |   |— Q13.java
49
50
51 */
```




```
1  /*
2      *
3      * *
4      * * *
5      * * * *
6      * * * * *
7      * * * * * *
8  */
9  import java.util.Scanner;
10 public class Q14 {
11     public static void pattern(int n){
12         int star = 1;
13         for(int i = 1; i<=n; i++){
14             for(int j = 1; j<=star; j++){
15                 System.out.print("* ");
16             }
17
18             star++;
19             System.out.println();
20         }
21     }
22
23     public static void main(String [] args){
24         Scanner sc = new Scanner(System.in);
25         System.out.print("Enter a number : ");
26         int n = sc.nextInt();
27
28         pattern(n);
29         sc.close();
30     }
31 }
32
33 /*
34     More Pattern Based Questions uploaded in this folder link :-
35     https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
36
37     // Folder Structure :-
38     Java-Assignment_J-Spider/
39     |— Assign24/
40     |   |— Q14.java
41
42
43     */
```




```
1  /*
2      *
3      * *
4      * * *
5      * * * *
6      * * * * *
7  */
8  import java.util.Scanner;
9  public class Q15 {
10     public static void pattern(int n){
11         int star = 1; int space = n-1;
12         for(int i = 1; i<=n; i++){
13             for(int j = 1; j<=space; j++){
14                 System.out.print(" ");
15             }
16             for(int j = 1; j<=star; j++){
17                 System.out.print("* ");
18             }
19             space--;
20             star++;
21             System.out.println();
22         }
23     }
24
25     public static void main(String [] args){
26         Scanner sc = new Scanner(System.in);
27         System.out.print("Enter a number : ");
28         int n = sc.nextInt();
29
30         pattern(n);
31         sc.close();
32     }
33 }
34
35 /*
36 More Pattern Based Questions uploaded in this folder link :-
37 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
38
39 // Folder Structure :-
40 Java-Assignment_J-Spider/
41 |— Assign24/
42 |   |— Q14.java
43
44
45 */
```

```

1  /*
2  * * * * *
3    * * * * *
4      * * * * *
5        * * * * *
6          * * * *
7            * * *
8              * *
9                *
10 */
11 import java.util.Scanner;
12 public class Q16 {
13     public static void pattern(int n){
14         int star = n; int space = 0;
15         for(int i = 1; i<=n; i++){
16             for(int j = 1; j<=space; j++){
17                 System.out.print(" ");
18             }
19             for(int j = 1; j<=star; j++){
20                 System.out.print("* ");
21             }
22             space++;
23             star--;
24             System.out.println();
25         }
26     }
27
28     public static void main(String [] args){
29         Scanner sc = new Scanner(System.in);
30         System.out.print("Enter a number : ");
31         int n = sc.nextInt();
32
33         pattern(n);
34         sc.close();
35     }
36 }
37
38 /*
39 More Pattern Based Questions uploaded in this folder link :-
40 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
41
42 // Folder Structure :-
43 Java-Assignment_J-Spider/
44 |— Assign24/
45 |   |— Q14.java
46
47
48 */

```




```
1  /*
2  * * * * * * * *
3  * * * * * * *
4  * * * * * *
5  * * * * *
6  * * * *
7  * * *
8  * *
9  *
10 */
11 import java.util.Scanner;
12 public class Q17 {
13     public static void pattern(int n){
14         int star = n;
15         for(int i = 1; i<=n; i++){
16             for(int j = 1; j<=star; j++){
17                 System.out.print("* ");
18             }
19             star--;
20             System.out.println();
21         }
22     }
23
24     public static void main(String [] args){
25         Scanner sc = new Scanner(System.in);
26         System.out.print("Enter a number : ");
27         int n = sc.nextInt();
28
29         pattern(n);
30         sc.close();
31     }
32 }
33
34 /*
35 More Pattern Based Questions uploaded in this folder link :-
36 https://github.com/AnkushRajMaheYam/Java-Assignment\_J-Spider/tree/main/Assign24
37
38 // Folder Structure :-
39 Java-Assignment_J-Spider/
40 |— Assign24/
41 |   |— Q17.java
42
43
44 */
```