1. \* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

**class Q1**

**{**

**public static void main(String args[])**

**{**

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

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

{

for(int j = 0; j < n; j++)

{

System.out.print("\* ");

}

System.out.println();

}

**}**

**}**

1. \* \* \* \* \*

\* \*

\* \*

\* \*

\* \* \* \* \*

**class Q2**

**{**

**public static void main(String args[])**

**{**

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if(i == 1 || j == 1 || i == n || j == n)

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

**}**

**}**

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

**class Q3**

**{**

**public static void main(String args[])**

**{**

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int k = 1; k < i; k++)

System.out.print(" ");

for(int j = 1; j <= n; j++)

{

System.out.print("\* ");

}

System.out.println();

}

**}**

**}**

Q4.

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

**class Q4**

**{**

**public static void main(String args[])**

**{**

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int k = 1; k <= n-i; k++)

System.out.print(" ");

for(int j = 1; j <= n; j++)

{

System.out.print("\* ");

}

System.out.println();

}

**}**

**}**

Q5. \*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

**class Q5**

**{**

**public static void main(String args[])**

**{**

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= i; j++)

{

System.out.print("\* ");

}

System.out.println();

}

**}**

**}**

Q6.

\*

\* \* \*

\* \* \* \* \*

\* \* \* \* \* \* \*

\* \* \* \* \* \* \* \* \*

**class Q6**

**{**

**public static void main(String args[])**

**{**

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int k = 1; k <= n-i ; k++)

System.out.print(" ");

for(int j = 1; j < 2 \* i; j++)

{

System.out.print("\* ");

}

System.out.println();

}

**}**

**}**

Q7. \*

\* \*

\* \*

\* \*

\* \*

\* \*

\* \* \* \* \* \* \*

class Q7

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int k = 1; k <= n-i ; k++)

System.out.print(" ");

for(int j = 1; j <= n; j++)

{

if(j == 1 || i == n || i == j )

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q8.

\* \* \* \* \* \* \* \* \*

\* \* \* \* \* \* \*

\* \* \* \* \*

\* \* \*

\*

class Q8

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int k = 1; k <= i ; k++)

System.out.print(" ");

for(int j = 1; j <= 2\*n - (2\*i - 1); j++)

{

System.out.print("\* ");

}

System.out.println();

}

}

}

Q9. \* \* \* \* \* \* \*

\* \*

\* \*

\*

class Q9

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int k = 1; k <= i ; k++)

System.out.print(" ");

for(int j = 1; j <= n; j++)

{

if(i == 1 || j == 1 || i+j == n+1)

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q10. \*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

class Q10

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int mid = (n%2 == 0) ? n/2 : n/2+1;

int k = 0;

for(int i = 1; i <= n; i++)

{

k = ( mid >= i) ? ++k : --k ;

for(int j = 1; j <= k; j++)

{

System.out.print("\* ");

}

System.out.println();

}

}

}

Q11 \*

\* \*

\* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

class Q11

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int mid = (n%2 == 0) ? n/2 : n/2+1;

int k = 0;

for(int i = 1; i <= n; i++)

{

k = ( mid >= i) ? ++k : --k ;

for(int j = 1; j <= mid-k; j++)

System.out.print(" ");

for(int j = 1; j <= k; j++)

System.out.print("\* ");

System.out.println();

}

}

}

Q12. \*

\* \* \*

\* \* \* \* \*

\* \* \* \* \* \* \*

\* \* \* \* \*

\* \* \*

\*

class Q12

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int mid = (n%2 == 0) ? n/2 : n/2+1;

int k = 0;

for(int i = 1; i <= n; i++)

{

k = ( mid >= i) ? ++k : --k ;

for(int j = 1; j <= mid-k; j++)

System.out.print(" ");

for(int j = 1; j <= 2\*k-1; j++)

System.out.print("\* ");

System.out.println();

}

}

}

Q13. 1 1 1 1

1 1 1 1

1 1 1 1

1 1 1 1

class Q13

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

System.out.print(1 + " ");

System.out.println();

}

}

}

Q14. 1 1 1 1 1

2 2 2 2 2

3 3 3 3 3

4 4 4 4 4

5 5 5 5 5

class Q14

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

System.out.print(i + " ");

System.out.println();

}

}

}

Q15. 3 3 3

3 1 3

3 2 3

3 3 3

class Q15

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n+1; i++)

{

for(int j = 1; j <= n; j++)

{

if( i == 1 || j == 1 || i == n+1 || j == n)

System.out.print(n + " ");

else

System.out.print(i-1 + " ");

}

System.out.println();

}

}

}

Q16.

1

2 3

4 5 6

7 8 9 10

class Q16

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 1;

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= i; j++)

{

System.out.print(k++ + " ");

}

System.out.println();

}

}

}

Q17. 10 9 8 7

4 5 6

3 2

1

class Q17

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 10;

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

{

for(int j = 1; j <= n-i; j++)

{

System.out.print(k-- + " ");

}

System.out.println();

}

}

}

Q18. 6 6 6 6

5 5 5

4 4

3

class Q18

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 6;

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

{

for(int j = 1; j <= n-i; j++)

{

System.out.print(k + " ");

}

k--;

System.out.println();

}

}

}

Q19. 3

4 4

5 5 5

6 6 6 6

class Q19

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 3;

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= i; j++)

{

System.out.print(k + " ");

}

k++;

System.out.println();

}

}

}

Q20. 3

4 5

6 7 8

9 10 11 12

class Q20

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 3;

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= i; j++)

{

System.out.print(k++ + " ");

}

System.out.println();

}

}

}

Q21. 3

44

555

6666

555

44

3

class Q21

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 1;

int value = 2;

int mid = (n%2 == 0) ? n/2 : n/2+1;

for(int i = 1; i <= n; i++)

{

k = ( mid >= i) ? ++k : --k ;

value = ( mid >= i) ? ++value : --value ;

for(int j = 1; j < k; j++)

{

System.out.print(value + " ");

}

System.out.println();

}

}

}

Q22.

\* \* \*

\* \* \*

\* \* \*

\* \* \*

\* \* \*

\* \* \* \* \* \* \* \* \* \* \*

\*

\*

\*

\*

\*

\*

class Q22

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if( i == 6 || j == 6 || (i < 6 && j == 1) || (i < 6 && j == n))

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q23.

\* \* \* \* \* \* \*

\* \*

\* \*

\* \*

\* \*

\* \* \* \* \* \* \* \* \* \* \*

\* \*

\* \*

\* \*

\* \*

\* \* \* \* \* \* \*

class Q23

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if( i == 6 || j == 6 || (i < 6 && j == 1) || (i > 6 && j== n) || (j > 6 && i == 1) || (j < 6 && i == n))

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q24.

\* \* \* \* \* \* \* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \*

\* \* \* \* \* \* \* \* \* \*

class Q24

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if( i == 1|| j == 1 || i == n || j == n || i == j || j+i == n+1)

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q25.

\* \* \* \* \* \* \* \* \* \*

\* \* \*

\* \* \*

\* \* \*

\* \* \*

\* \* \* \* \* \* \* \* \* \*

\* \* \*

\* \* \*

\* \* \*

\* \* \*

\* \* \* \* \* \* \* \* \* \*

class Q25

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

for(int i = 1; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if( i==1|| j==1 || i==n || j==n || i == n/2+1 ||

j == n/2+1)

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q26.

\* \* \* \* \* \* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \* \* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \*

\* \* \* \* \* \* \* \* \* \*

class Q26

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 1;

for(int i = 1 ; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if(i==1||j==1||i==n||j==n||i==n/2+1||j==n/2+1||

(j-i == n/2)||(i-j==n/2)||(i+j==n/2+2)||(i+j==n/2+n+1))

System.out.print("\* ");

else

System.out.print(" ");

}

System.out.println();

}

}

}

Q27.

1\*2\*3\*4

5\*6\*7\*8

9\*10\*11\*12

13\*14\*15\*16

class Q27

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = 1;

for(int i = 1 ; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

System.out.print(k++);

if( j != n)

System.out.print("\*");

}

System.out.println();

}

}

}

Q28.

13\*14\*15\*16

9\*10\*11\*12

5\*6\*7\*8

1\*2\*3\*4

class Q28

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int k = n\*n;

k = k - n + 1;

for(int i = 1 ; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

System.out.print(k++);

if(j != n)

System.out.print("\*");

}

k = k - 2 \* n;

System.out.println();

}

}

}

Q29. 1\*2\*3\*4

9\*10\*11\*12

5\*6\*7\*8

13\*14\*15\*16

class Q29

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int a = 1, t = 2\*n + 1;

for(int i = 1 ; i <= n; i++)

{

for(int j = 1; j <= n; j++)

{

if( i % 2 == 1)

System.out.print(a++);

else

System.out.print(t++);

if(j != n)

System.out.print("\*");

}

System.out.println();

}

}

}

Q30. 1

2\*3

4\*5\*6

7\*8\*9\*10

class Q30

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int a = 1;

for(int i = 1 ; i <= n; i++)

{

for(int j = 1; j <= i; j++)

{

System.out.print(a++);

if(j != i && 1 != i)

System.out.print("\*");

}

System.out.println();

}

}

}

Q31. 1

2\*2

3\*3\*3

4\*4\*4\*4

3\*3\*3

2\*2

1

class Q31

{

public static void main(String args[])

{

Scanner sc = new Scanner(System.in);

System.out.print("Enter Total Rows : ");

int n = sc.nextInt();

int mid = n/2 + 1;

int a = 0;

for(int i = 1 ; i <= n; i++)

{

a = ( mid >= i) ? ++a : --a ;

for(int j = 1; j <= a; j++)

{

System.out.print(a);

if(j != i && 1 != i)

System.out.print("\*");

}

System.out.println();

}

}

}