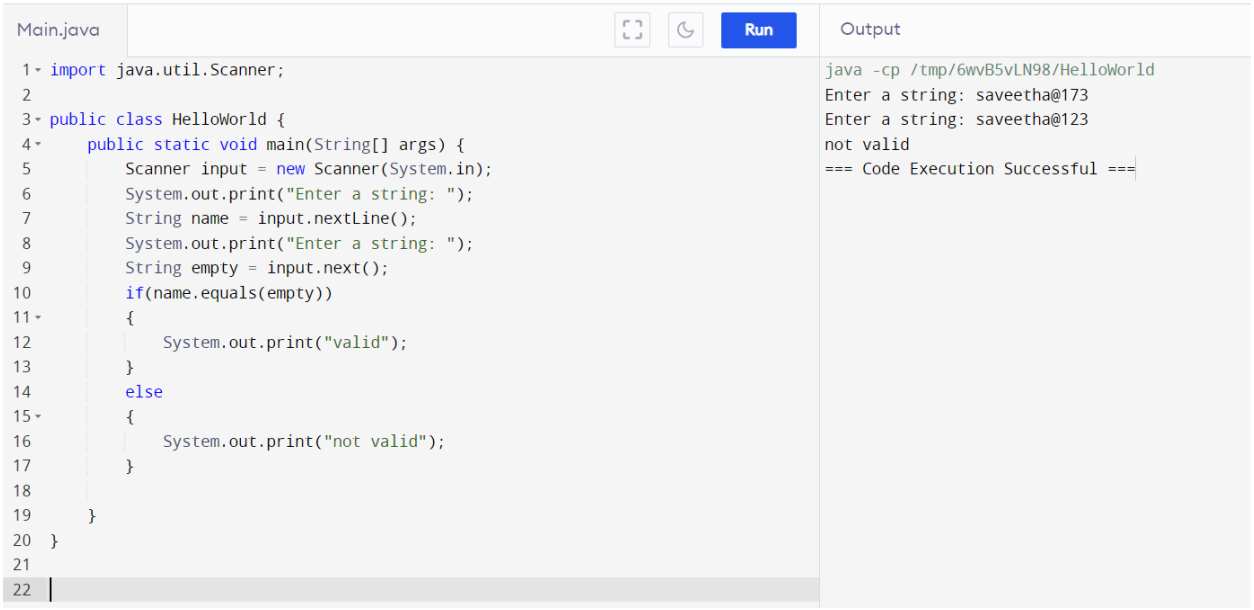
Easy questions:

Reversed string:

Vaid or not:



Vote eligible :

Main.java

Run

Output

```
1  import java.util.Scanner;
2
3  public class HelloWorld {
4      public static void main(String[] args) {
5          Scanner input = new Scanner(System.in);
6          System.out.print("Enter a string: ");
7          int n = input.nextInt();
8          if(n>=18){
9              System.out.print("eligible for vote");
10         }
11         else if(n<=0){
12             System.out.print("enter correct age");
13         }
14         else
15         {
16             int a=18-n;
17             System.out.print("not eligible for vote you need to wait "+a+" years
                   ");
18         }
19     }
20 }
21
```

```
java -cp /tmp/wMEnOOWHRl/HelloWorld
Enter a string: 17
not eligible for vote you need to wait 1years
=== Code Execution Successful ===
```

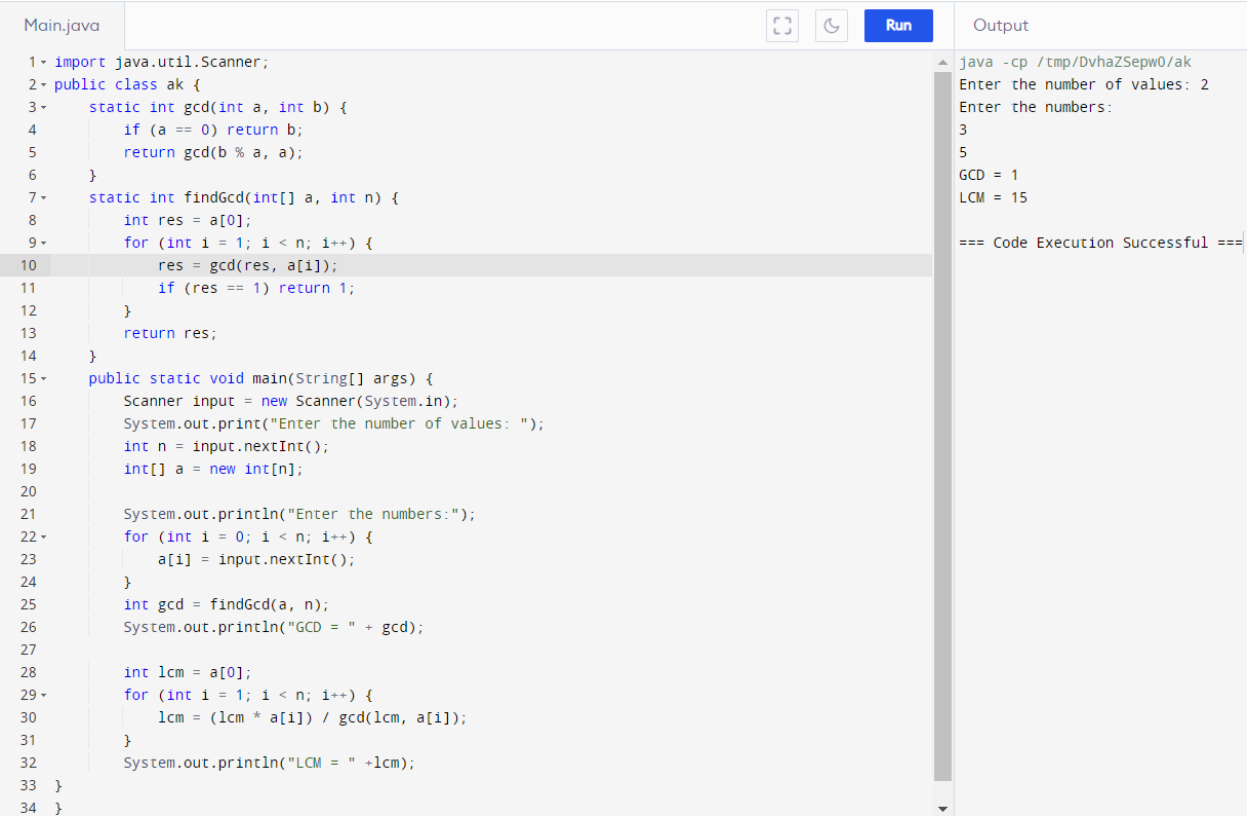
Reverse number:

```
1  import java.util.Scanner;
2
3  public class HelloWorld {
4      public static void main(String[] args) {
5          Scanner input = new Scanner(System.in);
6          System.out.print("Enter a string: ");
7          int n = input.nextInt();
8          int r=0;
9          while(n!=0){
10             int m=n%10;
11             r=r*10+m;
12             n=n/10;
13         }
14        System.out.println("reverse num="+r);
15     }
16 }
17
18
```

```
java -cp /tmp/6XZAXOwUaU/HelloWorld
Enter a string: 9867
reverse num=7689

=== Code Execution Successful ===
```

Lcm and gcd:



Triangle star pattern:

Main.java

Run

Output

```java
import java.util.Scanner;

public class HelloWorld {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int n = input.nextInt();
        for (int i = 1; i <= n; i++) {
            for (int j = n - i; j > 0; j--) {
                System.out.print(" ");
            }
            for (int k = 1; k <= i; k++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```

```
java -cp /tmp/R79nGgtdmy/HelloWorld
Enter a number: 5
    *
   **
  ***
 ****
*****

=== Code Execution Successful ===
```

Pattern:

Main.java

Run

Output

```java
import java.util.Scanner;

public class HelloWorld {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a number: ");
        int n = input.nextInt();
        for (int i = 0; i <= n; i++) {
            for (int j = 0; j <= n-i; j++) {
                System.out.print(" ");
            }
            int number=1;
            for (int k = 0; k <= i; k++) {
                System.out.print(number+" ");
                number=number*(i-k)/(k+1);

            }
            System.out.println();
        }
    }
}
```

```
java -cp /tmp/2LxxXRLERz/HelloWorld
Enter a number: 5
     1
    1 1
   1 2 1
  1 3 3 1
 1 4 6 4 1
1 5 10 10 5 1

=== Code Execution Successful ===
```