

Easy questions:

Reversed string:

Main.java	Output
<pre>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 String name = input.nextLine(); 8 String empty = ""; 9 int len = name.length(); 10 for (int i = len - 1; i >= 0; i--) { 11 empty = empty + name.charAt(i); 12 } 13 System.out.println("Reversed String: " + empty); 14 } 15 } 16 17</pre>	<pre>java -cp /tmp/1KkysHL8EL/HelloWorld Enter a string: temple Reversed String: elpmet === Code Execution Successful ===</pre>

Vaid or not:

Main.java	Output
<pre>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 String name = input.nextLine(); 8 System.out.print("Enter a string: "); 9 String empty = input.next(); 10 if(name.equals(empty)) 11 { 12 System.out.print("valid"); 13 } 14 else 15 { 16 System.out.print("not valid"); 17 } 18 } 19 } 20 } 21 22</pre>	<pre>java -cp /tmp/6wvB5vLN98/HelloWorld Enter a string: saveetha@173 Enter a string: saveetha@123 not valid === Code Execution Successful ===</pre>


Vote eligible :

Main.java	Output
<pre>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 }</pre>	<pre>java -cp /tmp/wME00WHR1/HelloWorld Enter a string: 17 not eligible for vote you need to wait 1years === Code Execution Successful ===</pre>

Reverse number:

<pre>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</pre>	<pre>java -cp /tmp/6XZAX0wUaU/HelloWorld Enter a string: 9867 reverse num=7689 === Code Execution Successful ===</pre>

Lcm and gcd:

Main.java	Run	Output
<pre>1- import java.util.Scanner; 2- public class ak { 3- static int gcd(int a, int b) { 4- if (a == 0) return b; 5- return gcd(b % a, a); 6- } 7- static int findGcd(int[] a, int n) { 8- int res = a[0]; 9- for (int i = 1; i < n; i++) { 10- res = gcd(res, a[i]); 11- if (res == 1) return 1; 12- } 13- return res; 14- } 15- public static void main(String[] args) { 16- Scanner input = new Scanner(System.in); 17- System.out.print("Enter the number of values: "); 18- int n = input.nextInt(); 19- int[] a = new int[n]; 20- 21- System.out.println("Enter the numbers:"); 22- for (int i = 0; i < n; i++) { 23- a[i] = input.nextInt(); 24- } 25- int gcd = findGcd(a, n); 26- System.out.println("GCD = " + gcd); 27- 28- int lcm = a[0]; 29- for (int i = 1; i < n; i++) { 30- lcm = (lcm * a[i]) / gcd(lcm, a[i]); 31- } 32- System.out.println("LCM = " + lcm); 33- } 34- }</pre>		<pre>java -cp /tmp/DvhaZSepw0/ak Enter the number of values: 2 Enter the numbers: 3 5 GCD = 1 LCM = 15 === Code Execution Successful ===</pre>

Triangle star pattern:

Main.java	Run	Output
<pre>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- for (int i=0;i<n;i++){ 9- for(int j=0;j<i;j++){ 10- System.out.print("*"); 11- } 12- System.out.println(" "); 13- } 14- } 15- } 16 17</pre>		<pre>java -cp /tmp/s5C60ier54/HelloWorld Enter a string: 7 * ** *** **** ***** ***** === Code Execution Successful ===</pre>

Main.java	Output
<pre> 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 number: "); 7 int n = input.nextInt(); 8 for (int i = 1; i <= n; i++) { 9 for (int j = n - i; j > 0; j--) { 10 System.out.print(" "); 11 } 12 for (int k = 1; k <= i; k++) { 13 System.out.print("***"); 14 } 15 System.out.println(); 16 } 17 } 18 } 19 </pre>	<pre> java -cp /tmp/R79nGgtdmy/HelloWorld Enter a number: 5 * ** *** **** ***** === Code Execution Successful === </pre>

Pattern:

Main.java	Output
<pre> 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 number: "); 7 int n = input.nextInt(); 8 for (int i = 0; i <= n; i++) { 9 for (int j = 0; j <= n-i; j++) { 10 System.out.print(" "); 11 } 12 int number=1; 13 for (int k = 0; k <= i; k++) { 14 System.out.print(number+" "); 15 number=number*(i-k)/(k+1); 16 } 17 System.out.println(); 18 } 19 } 20 } 21 } 22 </pre>	<pre> 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 === </pre>