Java Program to Check whether a String is a Palindrome

This is a Java Program to Check whether a String is a Palindrome.

Enter any string as input. Now we use for loops and if-else conditions along with equalsIgnoreCase() method to conclude whether the entered string is palindrome or not.

Here is the source code of the Java Program to Check whether a String is a Palindrome. The Java program is successfully compiled and run on a Windows system. The program output is also shown below.

1. **public** **class** Palindrome
2. {
3. **public** **static** **void** main(String args[])
4. {
5. String a, b = "";
6. Scanner s = **new** Scanner(System.in);
7. System.out.print("Enter the string you want to check:");
8. a = s.nextLine();
9. **int** n = a.length();
10. **for**(**int** i = n - 1; i >= 0; i--)
11. {
12. b = b + a.charAt(i);
13. }
14. **if**(a.equalsIgnoreCase(b))
15. {
16. System.out.println("The string is palindrome.");
17. }
18. **else**
19. {
20. System.out.println("The string is not palindrome.");
21. }
22. }
23. }

Output:

$ javac Palindrome.java

$ java Palindrome

Enter the string you want to check:NeveroddorEVen

The string is palindrome.

FIBONACCI SERIES

**package** AllDemos;

**import** java.util.Scanner;

**public** **class** Fibonacci

{

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

{

**int** n, a = 0, b = 0, c = 1;

Scanner s = **new** Scanner(System.***in***);

System.***out***.print("Enter value of n:");

n = s.nextInt();

System.***out***.print("Fibonacci Series:");

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

{

a = b;

b = c;

c = a + b;

System.***out***.print(a+", ");

}

}

}

/\*Java Program to Generate Fibonacci Numbers

This is a Java Program to Generate Fibonacci Numbers.

The number is said to be in a Fibonacci series if each subsequent

number is the sum of the previous two numbers.\*/