//To check whether a String is palindrome using Recursion Aswin Asok

```
import java.util.Scanner;
public class Reverse
{
   String str = ""; //Data Members.
   String rev = "";
   public void get() //Function to accept the string.
   {
      Scanner br = new Scanner(System.in);
      System.out.println("\nEnter the String");
      str = br.nextLine();
   }

   public void rverse_string(int n) //Function to reverse the string using Recursion.
   {
      if(n < 0)
         return;

      rev = rev + str.charAt(n);
      rverse_string(n-1);

   }

   public void check() //Function to check whether the number is palindrome or not.
   {
      System.out.println("\nOriginal String: "+str);
      System.out.println("Reversed String: "+rev);
      if(str.compareTo(rev) == 0)
         System.out.println("\nString is Palindrome");
      else
         System.out.println("\nString is not Palindrome");
   }

   public static void main(String args[]) //Main function for object creation and function execution.
   {
      Reverse r1=new Reverse();
      r1.get();
      r1.rverse_string(r1.str.length()-1);
      r1.check();
   }
}
```

OUTPUT

Enter the String
malayalam

Original String: malayalam
Reversed String: malayalam

String is Palindrome

Enter the String
computer

Original String: computer
Reversed String: retupmoc

String is not Palindrome