30. JUNIT TESTING TO CHECK WHETHER THE GIVEN NUMBER IS PALINDROME OR NOT

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AIM

To Perform junit Testing to Check Whether the given number is palindrome or not.

```
PROGRAM
```

```
package sse;
import java.util.Scanner;
import static org.junit.Assert.assertTrue;
public class palindrome
{
     public static void main(String args[])
     {
           Scanner in = new Scanner(System.in);
           int r, sum = 0, temp; int n = in.nextInt();
           temp = n;
           while (n > 0)
           {
                r = n \% 10; n = n / 10;
                sum = (sum * 10) + r;
           }
           System.out.println(sum);
           assertTrue(787==sum);
           if(temp==sum)
                System.out.println(sum+" is palindrome number");
           else
                System.out.println(sum+" is not palindrome number");
           }
     }
```

```
OUTPUT
arunk - sse/src/sse/palindrome.java - Eclipse IDE
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                                                                 public static void main(String args[])
 > 👺 sse
                                                                    Scanner in = new Scanner(System.in);
int r, sum = 0, temp; int n = in.nextInt();
temp = n;
while (n > 0)
                                                                    {
    r = n % 10; n = n / 10;
    sum = (sum * 10)+r;
}
                                                                     System.out.println(sum);
                                                                     assertTrue(787==sum);
                                                                         System.out.println(sum+" is palindrome number");
                                                                         System.out.println(sum+" is not palindrome number");
                                                        <terminated> palindrome [Java Application] C:\Program Files\Java\jre1.8.0_171\bin\javaw.exe (25-May-2023, 3:53:08 pm)
                                                        787
                                                        787 is palindrome number
arunk - sse/src/sse/palindrome.java - Eclipse IDE
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                                                                public static void main(String args[])
                                                                    Scanner in = new Scanner(System.in);
int r, sum = 0, temp; int n = in.nextInt();
                                                                    temp = n;
while (n > 0)
```

RESULT

Hence the junit Testing Check Whether the given number is palindrome or not performed successfully.