



**Java**

# Problem Series

# Java Program

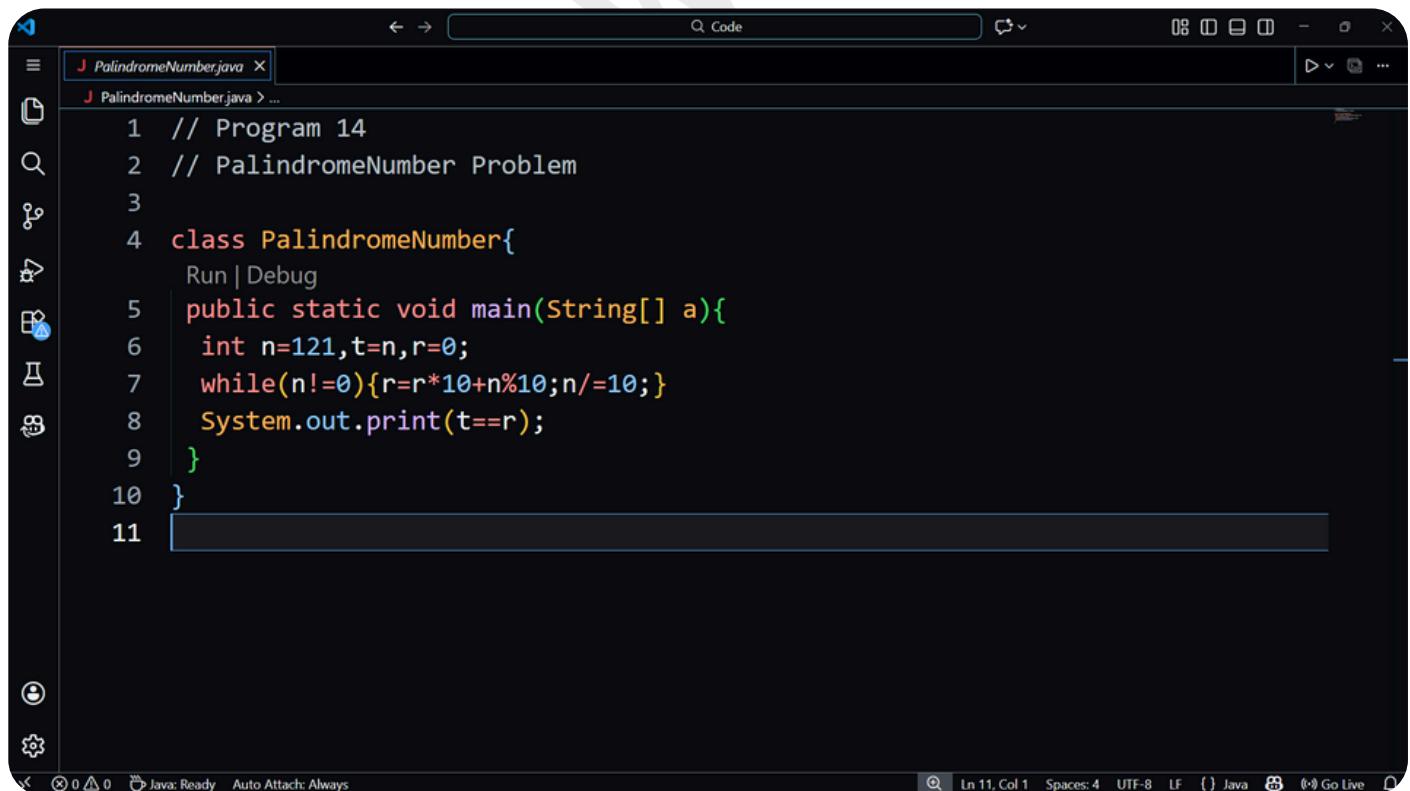
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## Problem Series

### 14. PalindromeNumber Problem

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#### Code



A screenshot of a Java code editor window titled "J PalindromeNumber.java". The code is as follows:

```
1 // Program 14
2 // PalindromeNumber Problem
3
4 class PalindromeNumber{
    Run | Debug
5     public static void main(String[] a){
6         int n=121,t=n,r=0;
7         while(n!=0){r=r*10+n%10;n/=10;}
8         System.out.print(t==r);
9     }
10}
11
```

The code defines a class named "PalindromeNumber" with a main method. The main method initializes a variable n to 121, sets t to n, and r to 0. It then enters a while loop where it repeatedly takes the last digit of n (using n%10), adds it to r (after multiplying r by 10), and divides n by 10 until n is no longer 0. Finally, it prints whether t is equal to r.

# Output

```
C:\Windows\System32\cmd.e + 
D:\system\Java Problem>javac PalindromeNumber.java
D:\system\Java Problem>java PalindromeNumber
true
D:\system\Java Problem>
```

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**Thank you !**

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