

```
1 //Given an Integer x,return true if x is a palindrome,and false otherwise.//
2 import java.util.*;
3 class DSA
4 {
5     public static void main(String args[])
6     {
7         Scanner s=new Scanner(System.in);
8         System.out.println("Enter any number:");
9         int x=s.nextInt();
10        int original=x;
11        int reverse=0;
12        int reminder=0;
13        while(x!=0)
14        {
15            reverse=reverse*10+x%10;
16            x=x/10;
17        }
18
19        if(original==reverse)
20        {
21            System.out.println("true");
22        }
23        else
24        {
25            System.out.println("false");
26        }
27    }
28 }
```