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 /*
* Define a program in java to accept a number and check whether a number is Palindrome or not by using method name reverse(int n)
* which returns the number after reversing the digit
*/
import java.util.Scanner;
public class palindrome {
   static int reverse(int num) {
      int num1;
      int reverse = 0;
      while (num > 0) {
         num1 = num % 10;
         num /= 10;
         reverse = reverse * 10 + num1;
      }
      return reverse;
   }
   public static void main(String[] args) {
      Scanner sc = new Scanner(System.in);
```

```
int num;
      System.out.print("Enter the number: ");
      num = sc.nextInt();
      sc.close();
      int reversedNum = reverse(num);
      if (num == reversedNum) {
         System.out.println(num + " is a palindrome");
      } else {
         System.out.println(num + " is not a palindrome");
      }
   }
}
```

Output:

Enter the digit at unit's place: 7

Enter the digit at ten's place: 1

Enter the digit at hundred's place: 3

The number corresponds to 317