Write a program to reverse a number using loop?(Get the input from user)

CODE:

import java.util.Scanner;

public class ReverseNumber {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a number: ");

int number = scanner.nextInt();

int reversedNumber = 0;

while (number != 0) {

int digit = number % 10; // Extract the last digit

reversedNumber = reversedNumber \* 10 + digit; // Append the digit to the reversed number

number /= 10; // Remove the last digit from the original number

}

System.out.println("Reversed number: " + reversedNumber);

scanner.close();

}

}

OUTPUT:

C:\javap>javac ReverseNumber.java

C:\javap>java ReverseNumber

Enter a number: 153

Reversed number: 351

