Write a program to convert the given decimal to binary and print the reverse of the binary decimal.

CODE:

import java.util.Scanner;

public class DecimalToBinaryReverse {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

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

int decimal = scanner.nextInt();

// Convert decimal to binary

StringBuilder binary = new StringBuilder();

int remainder;

while (decimal > 0) {

remainder = decimal % 2;

binary.append(remainder);

decimal /= 2;

}

// Reverse the binary representation

String reversedBinary = binary.reverse().toString();

System.out.println("Binary representation: " + reversedBinary);

}

}

OUTPUT:

C:\javap>javac DecimalToBinaryReverse.java

C:\javap>java DecimalToBinaryReverse

Enter a decimal number: 9

Binary representation: 1001

