ASSIGNMENT -1

1. WRITE A JAVA PROGRAM TO REVERSE A NUMBER USING LOOP

class ReverseNumber

{

public static void main(String[] args)

{

int number = 987654, reverse = 0;

while(number != 0)

{

int remainder = number % 10;

reverse = reverse \* 10 + remainder;

number = number/10;

}

System.out.println("The reverse of the given number is: " + reverse);

}

}

2.WRITE A JAVA PROGRAM WHETHER THE PERSON IS ELIGIBLE OR NOT AND PRINT HOW MANY YEARS TO ELIGIBLE TO VOTE

public class VoteEligibility {

public static void main(String[] args) {

System.out.print("Enter your age: ");

int age=18;

if (age >= 18) {

System.out.println("You are eligible to vote.");

} else {

System.out.println("You are not eligible to vote yet.");

}

}

}