2.Create a program to calculate the sum of all numbers between 1 and 200, excluding multiples of 3 and 7 using continue.

public class SumExcludingMultiples

{

public static void main(String[] args)

{

int sum = 0;

//loop through numbers from 1 to 200

for (int j = 1 ; j <=200 ; j++)

{

// Check if the number is a multiple of 3 or 7

if (j % 3 ==0 || j % 7 ==0 )

{

continue ; // skips multiple of 3 & 7

}

sum = sum + j; // Add the number to the sum

}

// Print the sum of numbers excluding multiples of 3 and 7

System.out.println("The sum of numbers between 1 and 200, excluding multiples of 3 and 7, is: " +sum);

}

}