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[Activity 4.1.2: Design an application that uses a loop structure here](https://myvc.iielearn.ac.za/webapps/blackboard/content/launchLink.jsp?course_id=_135635_1&content_id=_12369132_1&mode=view)

Input:

package com.mycompany.sumandaverage;

public class SumAndAverage {

public static void main(String[] args) {

double sum =0;

double average;

for (int x=1; x<=100; x++){

sum= sum + x;

}

average = sum / 100;

System.out.println("The sum of the first 100 numbers is: "+ sum);

System.out.println("The average of the first 100 numbers is: "+average);

}

}

Output:

-------------< com.mycompany.sumandaverage:SumAndAverage >--------------

--------------------------------[ jar ]---------------------------------

The sum of the first 100 numbers is: 5050.0

The average of the first 100 numbers is: 50.5

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BUILD SUCCESS

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