import java.util.Scanner;  
import java.lang.\*;  
  
public class Main {  
 public static void main(String[] args) {  
 //introduction to purpose of the program  
 System.*out*.println("Let's find out your grade!");  
 System.*out*.println("Put in the score you received for each quiz and hit enter.");  
  
 new Main();  
 }  
  
 Main() {  
  
 int[] quizList = new int[10];  
 int sum = 0;  
  
 //For loop that states the quiz number, and requests/scans the score input  
 for (int i = 0; i < quizList.length; i++) {  
 int number = i + 1;  
 System.*out*.println("Quiz " + number + "?");  
 Scanner scanner = new Scanner(System.*in*);  
 quizList[i] = scanner.nextInt();  
  
 //if else declaration to cancel the loop  
 if (quizList[i] == 999) {  
 break;  
 } else {  
 continue;  
 }  
 }  
  
 //for loop that prints out all the scores held in the array  
 for(int i = 0; i < quizList.length; i++){  
 System.*out*.println(quizList[i]);  
 sum = sum + quizList[i];  
 }  
  
 //find and prints our desired number calculations  
 System.*out*.println("Sum of the quiz scores: " + sum);  
 int numQuizes = quizList.length;  
 System.*out*.println("Number of quizes: " + numQuizes);  
 int aveQuiz = sum/quizList.length;  
 System.*out*.println("Average quiz grade: " + aveQuiz);  
  
 //converts the average quiz grade into a letter grade  
 if (90 <= aveQuiz && aveQuiz <=100)  
 System.*out*.println("Letter grade: A");  
 else if (80 <= aveQuiz && aveQuiz <= 89)  
 System.*out*.println("Letter grade: B");  
 else if (70 <= aveQuiz && aveQuiz <= 79)  
 System.*out*.println("Letter grade: C");  
 else if (60 <= aveQuiz && aveQuiz <=69)  
 System.*out*.println("Letter grade: D");  
 else if (0 <= aveQuiz && aveQuiz <= 59)  
 System.*out*.println("Letter grade: F");  
 }  
}