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CSI2008 - Programming in Java

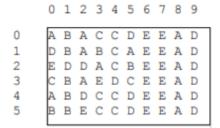
L53+L54

Challenging Task 1 - MCQ correction

Write a java program to correct the quiz answers and display the total marks of each student in the quiz.

Hint:

Suppose there are 10 questions in the quiz and there are five students then the answers are stored in a two dimensional array as follows



Store the keys of the questions in another array

0 1 2 3 4 5 6 7 8 9

D B D C C D A E A D

```
CODE:
import java.util.Scanner;
public class Labdaone {
       public static void main(String[] args) {
              int numOfStudents, numOfQuestions;
              System.out.println("Enter the number of Students:");
              Scanner inpInt = new Scanner(System.in);
              Scanner inpText = new Scanner(System.in);
              numOfStudents = inplnt.nextInt();
              System.out.println("Enter the number of Questions:");
              numOfQuestions = inpInt.nextInt();
              char student_answers[][] = new char[numOfStudents][numOfQuestions];
              char answerkey[] = new char[numOfQuestions];
              System.out.println("Enter the Answer Key: ");
              for(int i=0; i<numOfQuestions; i++)</pre>
              {
                     answerkey[i] = inpText.next().charAt(0);
              }
              for(int i=0; i<numOfStudents; i++)</pre>
```

```
{
       if(i==0)
       {
               System.out.println("Enter the choices of the first student: ");
       }
       else
       {
               System.out.println("Enter the choices of the next student: ");
       }
       for(int j=0; j<numOfQuestions; j++)</pre>
       {
               student_answers[i][j] = inpText.next().charAt(0);
       }
}
int marks_arr[] = new int[numOfStudents];
for(int i=0; i<numOfStudents; i++)</pre>
{
       int count = 0;
       for(int j=0; j<numOfQuestions; j++)</pre>
       {
               if(student_answers[i][j]==answerkey[j])
               {
                       count +=1;
               }
       }
```

OUTPUT:

