

INSTRUCTION

1. You are required to solve all items specified.
2. Design all necessary modules/forms described in the given problems.
3. Data generated in solved problem number 1 should be used by the succeeding problems for testing.

COMPUTER AIDED INSTRUCTION

Create a system that contains the following modules.

1. A module that maintains (add, edit, delete, and search) a question profile.
 - Question ID (auto-number)
 - Question difficulty (easy, average, difficult)
 - Question
 - Answer (T or F)

There should be at least 50 questions in the question table.

2. A module that accepts the name of the examiner and number of questions (5, 10, or 15). Questions will be randomly selected. The examiner earns 5 points for easy, 10 points for average, and 15 points for difficult questions. However, the same amount of points will be deducted from their total points if they got incorrect answers.

Determine the total points earned by the examiner.

SAMPLE DATA

Examiner name: Joyce

Number of questions: 10

Questions	Difficulty	Responses	Points	Total Points
$19 + 19 = 38$	Average	(correct)	10	10 pts
$8 + 8 = 15$	Easy	(correct)	5	15 pts
$18 + 18 = 35$	Average	(correct)	10	25 pts
$23 + 23 = 46$	Difficult	(correct)	15	40 pts
$7 * 7 = 48$	Average	(correct)	10	50 pts
$7 + 7 = 14$	Easy	(correct)	5	55 pts
$40 - 18 = 21$	Average	(correct)	10	65 pts
$8 * 8 = 64$	Avergar	(correct)	10	75 pts
$9 * 1 = 9$	Easy	(correct)	5	80 pts
$22 + 22 = 43$	Difficult	(wrong)	-15	65 pts

SAMPLE REMARK AFTER THE EXAMINATION

If total points is greater than 0:

Congratulations, Joyce! You got 65 points.

If total points is less than or equal to 0:

Sorry, Joyce. You failed.