

## 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.  
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.