

DCI1013: PROBLEM SOLVING

Tutorial 3

by

Noor Azida Binti Sahabudin
Faculty of Computer Systems & Software Engineering
azida@ump.edu.my



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Question 1

Write an algorithm:

- a) Read three numbers and find the largest number among it.
- b) Find the volume of a cube.
- c) Calculate $y = 2x - 7$

Hint: Please refer notes “General Problem Solving Concept” (Chapter 4)



Question 2

Clinic Hijrah provide services for medical checkup. The rate for local and foreigner is different. Usually, the medical checkup is for students that want to continue their study or new worker. The customer can choose either want to check x-ray, blood test, or urine test. Below is information about the rate of charge for each category.

Category	Citizen (RM)	X-Ray (RM)	Blood test (RM)	Urine test (RM)
Student Continue Study	Local	60	30	40
	Foreigner	80	40	50
New Worker	Local	80	30	45
	Foreigner	120	40	55

Write down an algorithm for this case study.

Hint: Please refer notes “General Problem Solving Concept” (Chapter 4)



Author Information

NOOR AZIDA BINTI SAHABUDIN

Senior Lecturer

Faculty of Computer Systems & Software Engineering

Universiti Malaysia Pahang

PhD in Educational Technology