Universiti Malaysia PAHANG	**COURSE: Artificial Intelligence Techniques**			**MARKS**: /100
	TOPIC: Lab Introduction		**CODE: BCS 2313**	
	ASSESSMENT: Individual	**NO: 1**	**DURATION: 2 Hours**	

Instruction:

This is an individual task – programming

Name	Matric No	Gender	DOB	Semester	CGPA
Aariz Hassan	81004	Male	08.08.2011	6	4.00
Michel Jordan	37098	Male	01.12.1978	1	2.31
Roger Federer	44089	Male	24.08.1981	4	3.87
Maria Sharapova	65021	Female	30.17.1984	2	1.51
Andy Murray	28374	Male	01.02.2008	3	3.00
Venus William	98734	Female	16.11.2003	8	2.99

Table 1: Student's data

1. Use either *file* or *database* to store the student's data from Table 1.
2. Read the data from the file or database that you have created and copy the data into array.
3. From the array, sort the student's data by CGPA – descending.
4. Show the array content before and after sorted.
5. Calculate average CGPA and show it.
6. Submission date : **Next lab session**
    a. Flow chart of your system – hard copy
    b. Complete system (Java programming) – hard copy
    c. Submit to Moodle item ***6(b)***.