

Java Assignment 02

I have assigned a topic for each group. Each group need to design a simple program to demonstrate/ explain your topic.

Learning outcome: Students should be able to demonstrate,

1. Basic object oriented concepts
 - a. Encapsulation
 - b. Inheritance
 - c. Polymorphism
 - d. Abstraction
2. Java Threads
3. Exceptions handling
4. Java arrays / functions (Arrays / 2D arrays /)

All the members of the group should competent in answering questions specially related to your topic.

How to present your program,

Time allocated for presentation: 30 minutes.

- First you should explain the concept.
- Then apply it to a real world practical scenario and demonstrate the code.

Q & A: 15 minutes.

- All the members should present during the group presentation.
- All the members should have the final code with you.
- All the members should be able to share the screen. ** If you have any connection problem try to find a solution during this 1 hour time period.

Group 01	Java Threads
Group 02	Exception Handling
Group 03	Inheritance / super key word
Group 04	Method Overloading
Group 05	Method Overriding
Group 06	Encapsulation
Group 07	Static / final key words
Group 08	Abstract classes
Group 09	Java Interface
Group 10	Java arrays / functions

** Use a simple code. But concept should be clearly explained.