

# Workshop5

Name: Nguyễn Đức Hùng

ID: HE172333

Class: SE1830

## Part 2:

### 1. What is stored in the static heap, stack, dynamic heap ?

- Static heap, the class objects and static variables are stored
- Stack, the method calls, local variables, and object references are stored
- Dynamic heap, the objects are stored

### 2. Why the Organization class is abstract ?

- Organization class has an abstract method

### 3. Why must the Colony/University class implement the communicateBytool() method ?

- Because Role is an interface

### 4. You explain the polymorphism feature in your code

- Done.

### 5. Describe the difference between an interface and an abstract class

- Interface: a set of classes that are not related to each other
- Abstract class: a set of interrelated classes