

PART 2:

PROGRAM RUNS:

- Step 1 : Create a new instance of a class BeeColony and run its method.
- Step 2: Create a new instance of a class FPRUniversity and run its method.
- Step 3: Create a new instance of a class BeColony and run its mehotd,
- Step 4: Create a new instance of a class FPTUniversity and run its method.

- 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.

- WHY THE ORGANIZATION CLASS IS ABSTRACT ?
Organization class has an abstract method.

- WHY MUST THE COLONY/ UNIVERISTY CLASS IMPLEMENT THE COMMUNICATEBYTOOL()
MEATHOD ?
Because Role is an interface.

- 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.

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