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| **Name of Student** |  | | |
| **Lab Experiment No.** | 10 | **Roll No.** |  |
| **Date Of Perf.:** |  | **Date Of Sub.:** |  |
| **Expt. Title** | Packages | | |
| **CO Mapping** | LO3 | | |

**Problem Definition:** Create a package **frcrce.it.SE<your batch id>.ITL304<your roll>.<your first name>.**

For e.g., frcrce.it.SEA.ITL304.8041.Sojan

Now create a **Greeter class** in this package having the following features:

**Attributes:**

name string //indicates name of the person to be greeted

**Member functions:**

Greeter(aName)//constructor to initialize the name of the //person to be greeted by this greeter.

sayHello() //returns a hello message with the name of the //person initialized earlier.

sayGoodBye() //bids goodbye to the person named earlier.

Create another class in the same package called **Advisor** that has the following features:

**Attributes:**

message string[5] //contains five advice messages

**Member functions:**

Advisor() //default constructor to initialize an array of //strings with atleast five advice messages

getAdvice() //randomly selects an advice from the available //list of messages and returns it to the caller of this method

Outside the package, from your working directory, create a class **GreeterTest** that constructs Greeter objects for all **command-line arguments** and prints out the results of calling sayHello().

The program should then display an advice and finally bid goodbye to each of the persons/entities in reverse order of the names entered at the command line.

For e.g.,

java GreeterTest Mars Venus

then the program should print

Hello, Mars!

Hello, Venus!

Advice: Never say No

Goodbye Venus!

Goodbye Mars!

**Objective of the Experiment:** Understanding Packages.

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| Attach the **Source code and output.** |
| The program was tested for different sets of inputs.  Program is working is SATISFACTORY NOT SATISFACTORY ( Tick appropriate outcome) |

**Evaluation:**

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| **On time Completion and Submission (2)** | **Knowledge of the topic (4)** | **Implementation and Output (4)** | **Total (10)** |
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**Date & Signature of teacher:**