VelammalCollege of Engineering and Technology, Madurai
Department of Computer Science and Engineering
Object oriented programming lab

Exercise 4
Package

Team 1
1. Write a java program that illustrates the following
    a. Creation of two simple package and subpackage.
    b. Accessing all the package.

2. Write a Java program to create a Package "YEAR_I" which has a class YearIMarks (members – sub1mark, sub2mark). Create another package "YEAR_II" which has a class YearIIMarks (members – sub3mark, sub4mark). Create n objects of Student class (having rollNumber, name, YearIMarks and YearIIMarks). Calculate the Grade ('Pass' > =50 else 'Fail') for each subject and display the result of the student in proper format.

Team 2
1. Write a java program that illustrates the following
    a. Creation of two simple package and subpackage.
    b. Accessing all the package.

2. Create a package named 'com'. Define subpackages;
- 'transact': with class 'Transaction' with static methods credit() and debit()
- 'loan': with class 'LoanAccount' with method doTransaction() which calls Transaction class methods.
   Create one 'LoanAccount' object in main to perform operations on it by accepting command line arguments.

Team 3
1. Write a java program that illustrates the following
    a. Creation of two simple package and subpackage.
    b. Accessing all the package.

2. Develop a Java application using packages to implement the following currency converter – Dollar to Indian Rupees, Euro to Indian Rupees, Yen to Indian Rupees and vice versa.

Team 4
1. Write a java program that illustrates the following
    a. Creation of two simple package and subpackage.
    b. Accessing all the package.

2. Develop a Java application using packages to implement the following Time converter – Hours to minutes, seconds and vice versa.

Team 5
1. Write a java program that illustrates the following
     a. Creation of two simple package and subpackage.
     b. Accessing all the package.

2. Develop a Java application using packages to implement the following Distance converter Meter to KM, Miles to KM and vice versa.

Team 6
1. Write a java program that illustrates the following
     a. Creation of two simple package and subpackage.
     b. Accessing all the package.

2. Write a java program to maintain the books details like Bookid, accession number, book name, author, publication in books package and keep the journal details such as journal id; journal name in journal package ; in main class use these packages details for staff and student classes and display the books and journals information as requested by the user.

Team 7
1. Write a java program that illustrates the following
     a. Creation of two simple package and subpackage.
     b. Accessing all the package.

2. Write a java program using package to find the number is Armstrong number and define other package to do arithmetic operation.