# LAB ASSIGNMENT 8

1. Define two packages as – General and Marketing.
   In General package define a class employee with data members as empid(protected), ename(private) and a public method as earnings() which calculate total earnings as earnings = basic + DA (80% of basic) + HRA (15% of basic). In Marketing package define a class ‚sales" which is extending from ‚employee class and has a method tallowance() which calculates Travelling Allowance as 5% of total earning.
   Write the programs to find out total earning of a sales person for the given basic salary amount and print along with the emp id.

2. Define an interface Motor with a data member –capacity and two methods such as run() and consume(). Define a Java class Washing machine which implements this interface and write the code to check the value of the interface data member thru an object of the class.