1. Design a class Employee with fields Eno, Ename, Basic Salary, DA, HRA, IT, PF, Gross Salary, NetSalary. Accept the details into the fields Eno, Ename, Basic Salary from constructor Find the NetSalary.
   * 1. DA is 12% on BS
     2. HRA is 20% on BS
     3. IT is 15% on BS
     4. PF is 12% on BS.
     5. GS is BS+HRA+DA
     6. NS is GS – (IT+PF)
2. A passenger of FlyHigh Airlines can travel by two types of ticket reservations, Confirmed ticket and Requested ticket. The Airline reservation has various attributes, such as flight number, date, time, and destination. Both types of classes inherit these common attributes. The Confirmed ticket class would however have a seat number while a Requested ticket would have a status attribute. Draw the class hierarchy diagram for the three classes depicting the inherited attributes of the sub classes and their individual attributes. Implement the system and display the passenger details whose status is confirmed.
3. Write a program to demonstrate runtime polymorphism.
4. Write a program to count number of words of a given string.