1. Perform the following tasks.
2. Define a base class called **Person**, which has the following members:

**Private** Data Items:

Name, SSN , age

**Public** Functions:

Person() // initialize the variables

set \_info() // set for the above info (from the user).

print\_info() // prints all the info for the class.

1. Now define a class called **Student**, which is **inherited** from **Person**. It should have the following public members:

**Protected** Data Items:

Major // engineering, business, history, etc.

GPA // Grade Point Average

**Public** Functions:

Student() // initialize the variables

set\_info() // a function that sets for student info from user

print\_info() // print the stored information

1. in main() create object of the class Student(the object name will be your name ).
2. Supply all the information through the set \_info() and print the data out using the function print