```cpp
/*
Create employee bio-data using following classes
i) Personal record
ii)Professional record
iii) Academic record Assume appropriate data members and member function to accept
required data & print bio-data. Create bio-data using multiple inheritance using C+
+.
*/
#include<iostream>                                //include header file
#include<string>                                  //include header file for string
using namespace std;                              //namespace declare the scope of
the identifiers

class personal_record                             //class for personal record
{
        private: string name,status,add,mail,mob;      //declaring variables of
class personal
                 int age;
                 char gender;
        public: personal_record()                       //default constructor
            {
                    name="Mayuresh";
                    status="Single";
                    add="nashik";
                    mail="mayurirn.46@dindo.com";
                    mob="9423838280";
                    age=19;
             }
                void get_personaldetails()              //accepting details for
personal details
                {
                        cout<<"\nEnter your name:";
                        getline(cin,name);

                        cout<<"\nGender";
                        cout<<"(m: male f:female o:other): ";
                        cin>>gender;

                        cout<<"\nEnter your age:";
                        cin>>age;
                        getline(cin,add);
                        cout<<"\nEnter your address:";
                        getline(cin,add);

                        cout<<"\nEnter your mobile no.:";
                        getline(cin,mob);

                        cout<<"\nEnter your mail ID:";
                        getline(cin,mail);

                        cout<<"\nAre you married(M: Married/UM:Unmarried):";
                        getline(cin,status);
                }
                void display_per()                      //displaying details for
personal class
                {
                        cout<<"\n Name                  : "<<name;
                        cout<<"\n  Gender               : "<<gender;
                        cout<<"\n  Age                  : "<<age;
                        cout<<"\n  Address              : "<<add;
                        cout<<"\n  Mobile no.           : "<<mob;
                        cout<<"\n  Mail ID              : "<<mail;
                        cout<<"\n  Married status       : "<<status;

                }
```

```cpp
};
//new class for profrssional details
class professional_record
{
        protected: string education;                //declaring variables of
professional details
                int exp;
        public: professional_record()           //constructor of pro class
                {
                        education="FE(COMP)";
                        exp=12;

                }
                void get_profdetails()                  //accepting details of
prof class
                {
                        cout<<"\nYour educational details: ";
                        getline(cin,education);

                        cout<<"\nEnter year of experience you have:";
                        cin>>exp;

                }
                void display_prof()                     //displaying details
                {
                        cout<<"\n  Education Details      : "<<education;
                        cout<<"\n  Experience             : "<<exp;
                }
};
//new class for academic details
class academic_record
{
        protected: float per;                   //declaring variables
                string lang,uni;
        public: academic_record()               //constructor of academic class
                {

                        lang="NO_ONE";
                        per=100;
                }
                void get_academicdetails()      //accepting details
                {       getline(cin,uni);
                        cout<<"\nEnter the name of university in which you
studied: ";
                        getline(cin,uni);
                        cout<<"\nEnter the last year percentage:";
                        cin>>per;
                                getline(cin,lang);
                        cout<<"\nLanguages that you know:";
                        getline(cin,lang);

                }
                void display_acd()                      //displaying details
                {
                        cout<<"\n  Last year percentage    : "<<per;
                        cout<<"\n  Language known          : "<<lang;
                }
};
class biodata:public personal_record,public professional_record,public
academic_record                   //declaring new class inhetits

properties of other class
{
    public: void accept()
            {
                get_personaldetails();
```

```cpp
                get_profdetails();
                get_academicdetails();
        }
        void display()
        {       cout<<"\n";
                display_per();
                display_prof();
                display_acd();
                cout<<"\n";
        }
};
int main()                              //main function
{
    int op,op1;      //creating object
    personal_record p;
    professional_record f;
    academic_record a;
    biodata b;
    cout<<"\nEnter details\n";
    b.accept();
    cout<<"\nDetails\n";
    b.display();
return 0;
}               //end program


/*
OUTPUT
dell@ghe1de-saurabh16-12-99:~/Desktop/oops_assignment$ g++ ass4oops.cpp
dell@ghe1de-saurabh16-12-99:~/Desktop/oops_assignment$ ./a.out

Enter details

Enter your name:saurabh ghewande

Gender(m: male f:female o:other): m

Enter your age:18

Enter your address:pune

Enter your mobile no.:9146445104

Enter your mail ID:saurabh16dec99@gmail.com

Are you married(M: Married/UM:Unmarried):um


Your educational details: Pursing BE Degree in computer engineering

Enter year of experience you have:0

Enter the name of university in which you studied: SPPU

Enter the last year percentage:8.8

Languages that you know:English,Hindi,Marathi

Details


 Name                   : saurabh ghewande
  Gender                : m
  Age                   : 18
  Address               : pune
  Mobile no.            : 9146445104
```

```
   Mail ID                  : saurabh16dec99@gmail.com
   Married status           : um
   Education Details        : Pursing BE Degree in computer engineering
   Experience               : 0
   Last year percentage     : 8.8
   Language known           : English,Hindi,Marathi

*/
```