**Assignment No.4(Bio-data using Inheritance).**

#include <iostream>

#include<string>

using namespace std;

class personal{

public:

string name,email;

long long int contact;

int month,year,day;

string address;

void accept(){

cout<<endl<<"Please enter your personal information...";

cout<<endl<<"Enter your name:";

cin>>name;

cout<<endl<<"Enter your dob:";

cout<<endl<<"Day:";

cin>>day;

cout<<endl<<"Month:";

cin>>month;

cout<<endl<<"Year:";

cin>>year;

cout<<endl<<"Enter your Address:";

cout<<endl<<"Enter only city/village name:";

cin>>address;

cout<<endl<<"Enter your email Address:";

cin>>email;

cout<<endl<<"Enter your mobile number:";

cin>>contact;}

void display(){

cout<<endl<<"\*\*\*\*\*\*\*\*\*PERSONAL INFORMATION\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout<<endl<<"Name:"<<name;

cout<<endl<<"DOB:"<<day<<"/"<<month<<"/"<<year;

cout<<endl<<"Address:"<<address;

cout<<endl<<"Email Address:"<<email;

cout<<endl<<"contact:"<<contact;}

};

class academic{

string stream;

float tenth,diploma;

public:

void accept1(){

cout<<endl<<"Please enter your Academic information...";

cout<<endl<<"Enter your stream";

cin>>stream;

cout<<endl<<"Enter your 10th marks:";

cin>>tenth;

cout<<endl<<"Enter your diploma marks:";

cin>>diploma;}

void display1(){

cout<<endl<<"\*\*\*\*\*\*\*\*\*\*ACADEMIC DETAILS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout<<endl<<"Stream:"<<stream;

cout<<endl<<"10th standard marks:"<<tenth;

cout<<endl<<"Diploma marks:"<<diploma;}

};

class professional:public academic,public personal{

string designation;

long int salary;

public:

void accept2(){

cout<<endl<<"Please enter your Professional information...";

cout<<endl<<"Enter your designation:";

cin>>designation;

cout<<endl<<"Enter your salary:";

cin>>salary;}

void display2(){

cout<<endl<<"\*\*\*\*\*\*\*\*\*PROFESSIONAL DETAILS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout<<endl<<"Designation:"<<designation;

cout<<endl<<"Salary:"<<salary;}

};

int main() {

professional p1;

p1.accept();

p1.accept1();

p1.accept2();

cout<<endl<<"\t\t\t\*\*\*\*\*BIO-DATA\*\*\*\*\*\*";

p1.display();

p1.display1();

p1.display2();

return 0;

}

**Output:**

Please enter your personal information...

Enter your name:Rohit

Enter your dob:

Day:10

Month:06

Year:2000

Enter your Address:

Enter only city/village name:Rajgurunagar

Enter your email Address:naikaderohit833@gmail.com

Enter your mobile number:7499594916

Please enter your Academic information...

Enter your stream:Computer

Enter your 10th marks:89.20

Enter your diploma marks:89.13

Please enter your Professional information...

Enter your designation:manager

Enter your salary:89000

\*\*\*\*\*BIO-DATA\*\*\*\*\*\*

\*\*\*\*\*\*PERSONAL INFORMATION\*\*\*\*\*\*\*\*

Name:Rohit

DOB:10/6/2000

Address:Rajgurunagar

Email Address:naikaderohit833@gmail.com

contact:7499594916

\*\*\*\*\*\*ACADEMIC DETAILS\*\*\*\*\*\*

Stream:computer

10th standard marks:89.2

Diploma marks:89.13

\*\*\*\*PROFESSIONAL DETAILS\*\*\*\*\*\*\*

Designation:manager

Salary:89000