**Name : -** Aditya Diwakar Giradkar **Batch : -** B4 (Div. A)

**Gr.no. : -** 11810629 **Roll no. : -** 61

**Problem Statement:** Create employ bio data using following classes 1) Personal record, 2) Professional record, 3) Academic record. Assume appropriate data member and data function to accept required data and print the bio data.

**Code:**

#include<iostream>

#include<cstring>

#include<iomanip>

using namespace std;

class personal

{

protected:

char \*Name, \*Address, \*dob, \*mobile\_no;

char Gender;

public:

personal()

{

Name = new char[2];

strcpy(Name, "");

Address = new char[2];

strcpy(Address, "");

dob = new char[2];

strcpy(dob, "");

mobile\_no = new char[2];

strcpy(mobile\_no, "");

Gender = '\0';

}

void get\_details\_personal()

{

cout<<"\*\*\*PERSONAL DETAILS\*\*\* \nEnter Your Name in next line : ";

cin.ignore();

Name = new char[2];

cin.getline(Name, 30);

cout<<"Enter your address : ";

Address = new char[2];

cin.getline(Address, 50);

cout<<"Enter DOB : ";

dob = new char[2];

cin.getline(dob, 15);

cout<<"Enter Mobile no. : ";

mobile\_no = new char[2];

cin.getline(mobile\_no, 13);

cout<<"Gender (M/F) : ";

cin>>Gender;

}

};

class prof

{

protected:

char \*job\_profile, \*name\_of\_org, \*proj\_name, \*proj\_description;

public:

prof()

{

job\_profile = new char[2];

strcpy(job\_profile, "");

name\_of\_org = new char[2];

strcpy(name\_of\_org, "");

proj\_name = new char[2];

strcpy(proj\_name, "");

proj\_description = new char[2];

strcpy(proj\_description, "");

}

void get\_details\_prof()

{

cin.ignore();

cout<<"\n\*\*\*PROFESSIONAL DETAILS\*\*\* \nJob Profile : ";

job\_profile = new char[2];

cin.getline(job\_profile, 30);

cout<<"Name of organization : ";

name\_of\_org = new char[2];

cin.getline(name\_of\_org, 50);

cout<<"Project Name : ";

proj\_name = new char[2];

cin.getline(proj\_name, 50);

cout<<"Description of project : ";

proj\_description = new char[2];

cin.getline(proj\_description, 200);

}

};

class Acadamic

{

protected:

int year\_of\_passing;

char \*clg\_name, \*branch\_name;

float percentage;

public:

Acadamic()

{

year\_of\_passing = 0;

clg\_name = new char[2];

strcpy(clg\_name, "");

branch\_name = new char[2];

strcpy(branch\_name, "");

percentage = 0;

}

void get\_details\_acadamic()

{

cin.ignore();

cout<<"\n\*\*\*ACADAMIC DETAILS\*\*\* \nEnter college name : ";

clg\_name = new char[2];

cin.getline(clg\_name, 50);

cout<<"Enter Branch name : ";

branch\_name = new char[2];

cin.getline(branch\_name, 30);

cout<<"Year of passing : ";

cin>>year\_of\_passing;

cout<<"Percentage : ";

cin>>percentage;

}

};

class Biodata:public personal, public prof, public Acadamic

{

protected:

public:

void show\_biodata()

{

cout<<"\n\n";

cout<<" BIODATA \n";

cout<<"\*\*\*\*\*\*PERSONAL DETAILS\*\*\*\*\*\*\n";

cout<<left<<setw(20)<<"Name : "<<left<<setw(20)<<Name<<"\n";

cout<<left<<setw(20)<<"Address : "<<left<<setw(20)<<Address<<"\n";

cout<<left<<setw(20)<<"DOB : "<<left<<setw(20)<<dob<<"\n";

cout<<left<<setw(20)<<"Mobile Number : "<<left<<setw(20)<<mobile\_no<<"\n";

cout<<left<<setw(20)<<"Gender : "<<left<<setw(20)<<Gender<<"\n";

cout<<"\n\*\*\*\*\*\*ACADAMIC DETAILS\*\*\*\*\*\*\n";

cout<<left<<setw(20)<<"College Name : "<<left<<setw(20)<<clg\_name<<"\n";

cout<<left<<setw(20)<<"Branch Name : "<<left<<setw(20)<<branch\_name<<"\n";

cout<<left<<setw(20)<<"Year of Passing : "<<left<<setw(20)<<year\_of\_passing<<"\n";

cout<<left<<setw(20)<<"Percentage : "<<left<<setw(20)<<percentage<<"\n";

cout<<"\n\*\*\*\*\*\*PROFRSSINAL DETAILS\*\*\*\*\*\*\n";

cout<<left<<setw(30)<<"Job Profile : "<<left<<setw(25)<<job\_profile<<"\n";

cout<<left<<setw(30)<<"Name of Organization : "<<left<<setw(25)<<name\_of\_org<<"\n";

cout<<left<<setw(30)<<"Project Name : "<<left<<setw(25)<<proj\_name<<"\n";

cout<<left<<setw(30)<<"Project Description : "<<left<<setw(25)<<proj\_description<<"\n";

}

};

int main()

{

Biodata p1;

p1.get\_details\_personal();

p1.get\_details\_prof();

p1.get\_details\_acadamic();

p1.show\_biodata();

}

**Output:**

\*\*\*PERSONAL DETAILS\*\*\*

Enter Your Name in next line :

Aditya Giradkar

Enter your address : Ganesh Nagar, Bibewadi, Pune

Enter DOB : 22/11/1999

Enter Mobile no. : 9404408640

Gender (M/F) : M

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

Job Profile : CEO

Name of organization : Google

Project Name : Artificial Intelligence

Description of project : trying to improve the capabilities of machine

\*\*\*ACADAMIC DETAILS\*\*\*

Enter college name : Vishwakarma Institute Of Technology, Pune

Enter Branch name : Computer Science

Year of passing : 2022

Percentage : 9.1

BIODATA

\*\*\*\*\*\*PERSONAL DETAILS\*\*\*\*\*\*

Name : Aditya Giradkar

Address : Ganesh Nagar, Bibewadi, Pune

DOB : 22/11/1999

Mobile Number : 9404408640

Gender : M

\*\*\*\*\*\*ACADAMIC DETAILS\*\*\*\*\*\*

College Name : Vishwakarma Institute Of Technology, Pune

Branch Name : Computer Science

Year of Passing : 2022

Percentage : 9.1

\*\*\*\*\*\*PROFRSSINAL DETAILS\*\*\*\*\*\*

Job Profile : CEO

Name of Organization : Google

Project Name : Artificial Intelligence

Project Description : trying to improve the capabilities of machine

Process returned 0 (0x0) execution time : 190.053 s

Press any key to continue.