**Q. Write a program that has a collection of facts and run it to check the goal.**

#include <iostream>

using namespace std;

class Student\_Info

{

public :

string fn, mn, ln, gen, dob;

Student\_Info()

{

cout<<"Welcome to Admission Portal\n";

cout<<"First Name : ";

cin>>fn;

cout<<"Middle Name : ";

cin>>mn;

cout<<"Last Name : ";

cin>>ln;

cout<<"Gender : ";

cin>>gen;

cout<<"DOB : ";

cin>>dob;

}

};

class Faculty\_Info

{

public :

int choice1, choice2, choice3, choice4, choice5;

string fac, prg, deg;

Faculty\_Info()

{

cout<<"MENU : 1-Engineering, 2-Management";

cout<<"\nEnter faculty : ";

cin>>choice1;

switch(choice1)

{

case 1 :

fac = "Engineering";

cout<<"MENU : 1 - Undergraduate, 2 - Graduate ";

cout<<"\nEnter program : ";

cin>>choice2;

switch(choice2)

{

case 1 :

prg = "Undergraduate";

cout<<"MENU : 1 - BE(Comp.), 2 - BE (Mech.), 3 - BE(Civil)";

cout<<"\nEnter degree : ";

cin>>choice3;

switch(choice3)

{

case 1 :

deg = "BE(Comp.)";

break;

case 2 :

deg = "BE(Mech.)";

break;

case 3 :

deg = "BE(Civil)";

break;

}

break;

case 2 :

prg = "Graduate";

cout<<"MENU : 1 - ME(Comp.), 2 - PHD";

cout<<"\nEnter degree : ";

cin>>choice4;

switch(choice4)

{

case 1 :

deg = "ME(Comp.)";

break;

case 2 :

deg = "PHD";

break;

}

break;

}

break;

case 2 :

fac = "Management";

prg = "Graduate";

cout<<"MENU : 1 - MBA, 2 - MCA";

cout<<"\nEnter degree : ";

cin>>choice5;

switch(choice5)

{

case 1 :

deg = "MBA" ;

break;

case 2 :

deg = "MCA";

break;

}

break;

}

}

};

class Display : public Student\_Info, public Faculty\_Info

{

public :

Display()

{

cout<<"Program Details";

cout<<"\nFaclty : "<<fac;

cout<<"\nProgram : "<<prg;

cout<<"\nDegree : "<<deg;

}

};

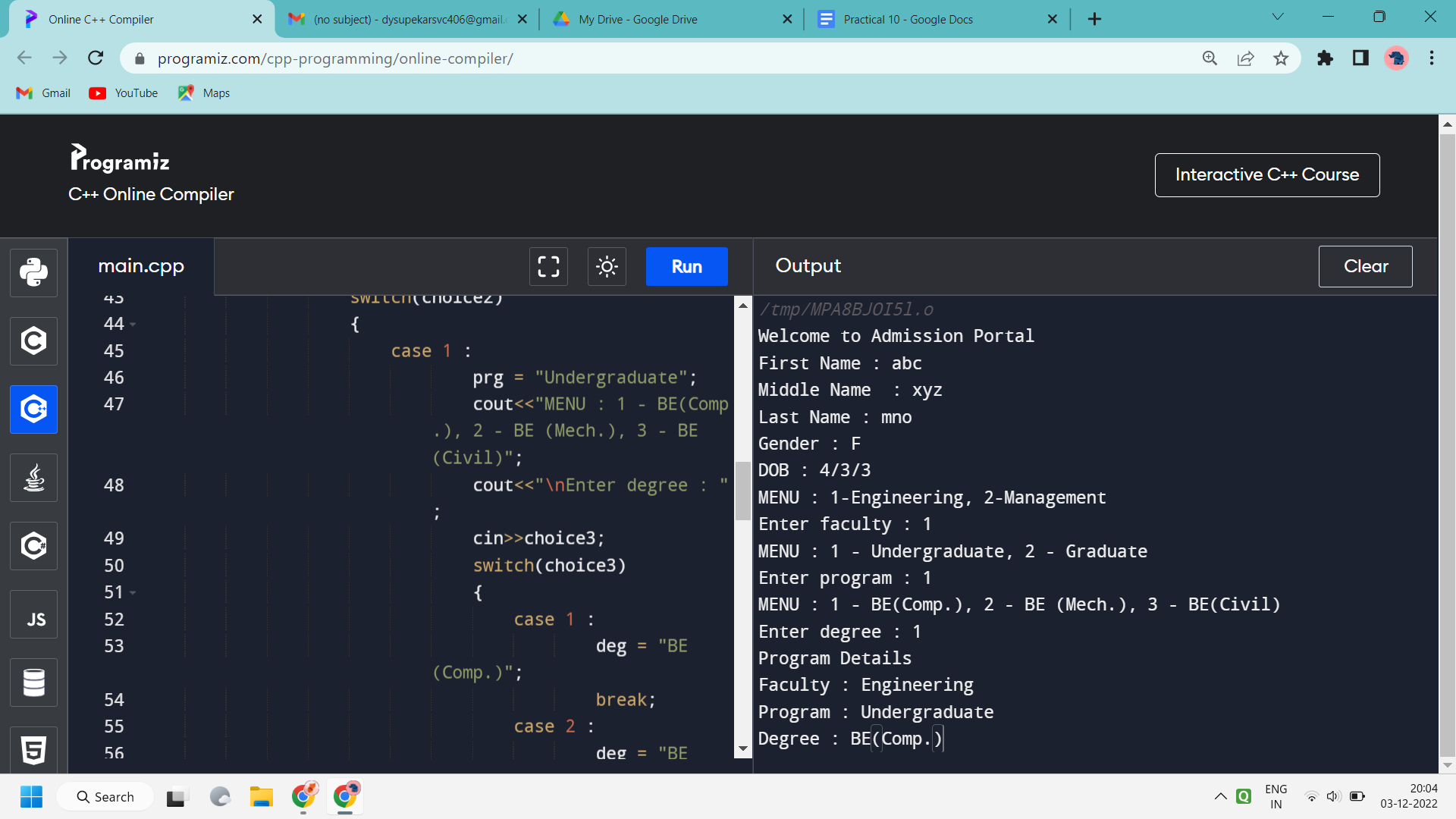
int main()

{

Display obj;

}

**OUTPUT :**

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