**Program no. 6**

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roll no. : D4

#include <iostream>

using namespace std;

class person {

public:

string name;

int code;

person(string name, int code) {

this->name = name;

this->code = code;

}

void display() {

cout << "----------------------------------"<<endl;

cout << " Google LLC"<<endl;

cout << "----------------------------------"<<endl;

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

cout << "Code: " << code << endl;

}

};

class account : public person {

public:

int experience;

account(string name, int code, int experience) : person(name, code) {

this->experience = experience;

}

void display() {

person::display();

cout << "Experience: " << experience << endl;

}

};

class admin : public person {

public:

int pay;

admin(string name, int code, int pay) : person(name, code) {

this->pay = pay;

}

void display() {

cout << "Pay: " << pay << endl;

cout << "----------------------------------";

}

};

class master : public account, public admin {

public:

master(string name, int code, int experience, int pay) : account(name, code, experience), admin(name, code, pay) {}

void display() {

account::display();

admin::display();

}

};

int main() {

string nm;

int c,p,ex;

cout<<"Enter the name of the employee: ";

cin>>nm;

cout<<"Enter the code of the employee: ";

cin>>c;

cout<<"Enter the experience of the employee: ";

cin>>ex;

cout<<"Enter the salary of the employee: ";

cin>>p;

master m(nm,c,ex,p);

m.display();

return 0;

}

Output:

