21.

Write a c++ program to calculate the bonus of employee the class master derive information from both admin and account class which derive into from class person. create a base and all derived class with necessary functions.

Program:

using namespace std;

#include<iostream>

class master

{

public:

int empid;

char empname;

void getdata()

{

cin>>empid>>empname;

}

};

class admin: public master

{

public:

int bp;

void getdata1()

{

cin>>bp;

}

};

class account:public master

{

public:

int bp,hra,ta,da,home,pf;

void getdata2()

{

hra=bp\*15/100;

ta=bp\*20/100;

da=bp\*10/100;

cin>>home>>pf;

}

};

class person:public admin ,public account

{

public:

void getdata3()

{

int gs,ded,bp,ns;

cout<<"bp";

cin>>bp;

cout<<"home";

cin>>home;

cout<<"pf";

cin>>pf;

gs=bp+hra+da+ta;

cout<<"\ngs"<<gs;

ded=home+pf;

cout<<"\nded"<<ded;

ns=gs-ded;

cout<<"\nns"<<ns;

}

};

int main()

{

person p;

p.getdata3();

p.getdata2();

p.getdata1();

master m;

m.getdata();

return 0;

}

Output:

