**Practical no.-**12

**Program no.-** 01

**Title:** Program to implement multilevel inheritance

**Roll No.:** 76 **Batch-** C

**Code:**

#include<iostream>

#include<string.h>

using namespace std;

class person

{

private:

char name[25];

char gender[20];

int age;

public:

void getperson()

{

cout<<"Enter Name of Employee: ";

fflush(stdin);

gets(name);

cout<<"Enter Gender: ";

fflush(stdin);

gets(gender);

cout<<"Enter age of Employee: ";

cin>>age;

}

void putperson()

{

cout<<"Name of Employee= "<<name;

cout<<"\nGender= "<<gender;

cout<<"\nAge= "<<age;

}

};

class employee:public person

{

private:

int emp\_id;

char company[20];

long int salary;

public:

void get\_emp()

{

cout<<"Enter Employee ID: ";

cin>>emp\_id;

cout<<"Enter the Name of Company: ";

fflush(stdin);

gets(company);

cout<<"Enter salary of Employee: ";

cin>>salary;

}

void put\_emp()

{

cout<<"\nEmployee ID= "<<emp\_id;

cout<<"\nName of Company= "<<company;

cout<<"\nSalary= "<<salary;

}

};

class programmer:public employee

{

private:

int langno;

public:

void getlang()

{

cout<<"Enter Number of Languages known: ";

cin>>langno;

}

void putlang()

{

cout<<"\nNumber of Languages known= "<<langno;

}

};

int main()

{

programmer p;

cout<<"Enter Information of Programmer:\n";

p.getperson();

p.get\_emp();

p.getlang();

cout<<"\nInformation of Programmer:\n";

p.putperson();

p.put\_emp();

p.putlang();

return 0;

}

**Output-1:**

Enter Information of Programmer:

Enter Name of Employee: Pranjal

Enter Gender: Female

Enter age of Employee: 45

Enter Employee ID: 1002

Enter the Name of Company: Microsoft

Enter salary of Employee: 4300000.33

Enter Number of Languages known: 3

Information of Programmer:

Name of Employee= Pranjal

Gender= Female

Age= 45

Employee ID= 1002

Name of Company= Microsoft

Salary= 4300000.33

Number of Languages known= 3

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**Output-2:**

Enter Information of Programmer-:

Enter Name of Employee: Tejas

Enter Gender: Male

Enter age of Employee: 34

Enter Employee ID: 201

Enter the Name of Company: Apple

Enter salary of Employee: 3000000.67

Enter Number of Languages known: 4

Information of Programmer-:

Name of Employee= Tejas

Gender= Male

Age= 34

Employee ID= 201

Name of Company= Apple

Salary= 3000000.67

Number of Languages known= 4

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