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**Lab#03.**

**Github:**

**TASK 1**

#include<iostream>

using namespace std;

struct student

{

char name[15];

char id[15];

char dep[20];

char sem[5];

char cours[10];

char marks[20];

};

struct course

{

char id[10];

char name[20];

char marks[5];

};

int n;

int entry()

{

student s; course c[6];

cout<<"Enter Students Name : ";

cin>>s.name;

cout<<"Enter Students ID : ";

cin>>s.id;

cout<<"Enter students Department : ";

cin>>s.dep;

cout<<"Enter Students Semester : ";

cin>>s.sem;

cout<<"Enter no.of Courses : ";

cin>>n;

for(int i=1;i<=n;i++)

{

cout<<"Enter Courses Name : ";

cin>>c[i].name;

cout<<"Enter Courses ID : ";

cin>>c[i].id;

cout<<"Enter Courses Marks : ";

cin>>c[i].marks;

}

}

int out()

{

student s; course c[6];

cout<<"Student Name : ";

cout<<s.name<<endl;

cout<<"Student ID : ";

cout<<s.id<<endl;

cout<<"Student Department : ";

cout<<s.dep<<endl;

cout<<"Student Semester : ";

cout<<s.sem<<endl;

for(int i=1;i<=n;i++)

{

cout<<"Course Name : ";

cout<<c[i].name<<endl;

cout<<"Course ID : ";

cout<<c[i].id<<endl;

cout<<"Course marks : ";

cout<<c[i].marks<<endl;

}

}

int main()

{

entry();

out();

}

**TASK 2**

#include<iostream>

using namespace std;

struct employee

{

char name[15];

char date[10];

char des [30];

};

int main()

{

employee p1;

employee p2;

cout<<"Enter Employee Name : ";

cin>>p1.name;

cout<<"Enter Employee date of joining : ";

cin>>p1.date;

cout<<"Enter Designation : ";

cin>>p1.des;

cout<<"\n\t\t\tInformation of Employee\n";

cout<<"Name of Employee : "<<p1.name<<endl;

cout<<"Date of joining : "<<p1.date<<endl;

cout<<"Designation : "<<p1.des<<endl;

}

**TASK 3**

#include<iostream>

using namespace std;

struct length

{

float feet;

};

int main()

{

float inch;

length l1;

cout<<"Enter lenght in feet : ";

cin>>l1.feet;

inch=l1.feet\*12;

cout<<"Length in inches : "<<inch<<" ft";

}

**TASK 4**

#include<iostream>

using namespace std;

struct employee

{

char name[15];

char date[10];

char des [30];

};

int main()

{

employee p[5];

for(int i=1;i<=5;i++)

{

cout<<"Enter Employee " <<i<< " Name : ";

cin>>p[i].name;

cout<<"Enter Employee "<<i<< " date of joining : ";

cin>>p[i].date;

cout<<"Enter Employee "<<i<<" Designation : ";

cin>>p[i].des;

}

cout<<"\n\t\t\tInformation of Employee\n";

for(int i=1;i<=5;i++)

{

cout<<"\n";

cout<<"Name of Employee : "<<p[i].name<<endl;

cout<<"Date of joining : "<<p[i].date<<endl;

cout<<"Designation : "<<p[i].des<<endl;

}

}