

# Assignment

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## Programs

### NO1:

```
using namespace std;

#include<iostream>

struct Student

{

int cnic ;

int reg ;

int roll ;

string name ;

};

int main()

{

Student s;

cout<<"enter cnic"<<endl;

cin>> s.cnic;

cout<<"enter reg no"<<endl;

cin>> s.reg;

cout<<"name"<<endl;

cin>> s.name;

cout<<"roll no"<<endl;

cin>> s.roll;

return 0;
```

```
}
```

## **NO2:**

```
using namespace std;
```

```
#include<iostream>
```

```
struct employ
```

```
{
```

```
string address ;
```

```
int contact ;
```

```
int cnic ;
```

```
string name ;
```

```
};
```

```
int main()
```

```
{
```

```
employ e;
```

```
cout<<"enter name"<<endl;
```

```
cin>> e.name;
```

```
cout<<"enter cnic"<<endl;
```

```
cin>> e.cnic;
```

```
cout<<"enter contact number"<<endl;
```

```
cin>> e.contact;
```

```
cout<<"enter adress"<<endl;
```

```
cin>> e.adress;
```

```
return 0;
```

```
}
```

## **NO3:**

```
using namespace std;
```

```
#include<iostream>
```

```
struct profile
```

```

{

string name ;

int age ;

float salary ;

};

int main()

{

profile p;

cout<<"enter full name"<<endl;

cin>> p.name;

cout<<"enter age"<<endl;

cin>> p.age;

cout<<"enter salary"<<endl;

cin>> p.salary;

return 0;

}

```

#### **NO4:**

```

#include <iostream>

using namespace std;

struct studentresultcard

{

    string name ;

    float percentage ;

    int roll ;

    int totalmarks ;

    int obtainedmarks ;

};

```

```

int main()

{

studentresultcard c;

cout<<"enter Name"<<endl;

cin>> c.name;

cout<<"enter roll no:"<<endl;

cin>> c.roll;

cout<<"total marks"<<endl;

cin>> c.totalmarks ;

cout<<"obtained marks"<<endl;

cin>> c.obtainedmarks;

cout<<"percentage"<<endl;

cin>> c.percentage;

return 0;

}

```

## **NO5:**

```

using namespace std;

#include<iostream>

struct dateofbirth

{

int date ;

int month ;

int year ;

};

int main()

{

dateofbirth b;

cout<<"enter date/"<<endl;

```

```
cin>> b.date;

cout<<"enter month/"<<endl;

cin>> b.month;

cout<<"enter year/"<<endl;

cin>> b.year;

return 0;

}
```

## **NO6:**

```
using namespace std;

#include<iostream>

struct array

{

int arr[5] ;

int i ;

};

int main()

{

array b;

for(int i=0;i<5;i++)

{

cout<<"enter value in array"<<endl;

cin>> b.arr[i];

}

return 0;

}
```

## **NO7:**

```
using namespace std;

#include<iostream>
```

```

int main()

{

    int numbers[5];

    cout << "Enter 5 numbers: " << endl;

    for (int i = 0; i < 5; i++)

    {

        cin >> numbers[i];

    }

    cout<< "The numbers are: ";

    for (int n = 0; n < 5; n++)

    {

        cout << numbers[n] << " ";

    }

    return 0;

}

```

## NO8:

```

using namespace std;

#include<iostream>

int main()

{

    int arr[10];

    int i;

    int n;

    int sum=0;

    cout<<"enter value:"<<endl;

    cin>> n;

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

    {

```

```

cin>> arr[i];

sum+=arr[i];

cout<<"sum of array element"<<endl<<sum;

}

return 0;

}

```

## NO9:

```

using namespace std;

#include<iostream>

int main()

{

int i,n;

int arr[10];

cin>> n;

for(int i=1;i<=10;i++)

{

cin>> arr[i];

cout<<n<<"*"<<arr[i]<<"="<<n*i<<endl;

}

return 0;

}

```

## NO10:

```

using namespace std;

#include<iostream>

struct dist

{

int feet;

```

```
int inch;

};

int main()

{

dist d;

cout<<"enter feet"<<endl;

cin>> d.feet;

cout<<"enter inch"<<endl;

cin>> d.inch;

return 0;

}
```

## **NO11:**

```
using namespace std;

#include<iostream>

struct complex

{

int real;

int image;

};

int main()

{

complex c;

cout<<"enter real"<<endl;

cin>> c.real;

cout<<"enter image"<<endl;

cin>> c.image;

return 0;
```



```
}
```

## **NO12:**

```
using namespace std;
```

```
#include<iostream>
```

```
struct dateofmarriage
```

```
{
```

```
int date ;
```

```
int month ;
```

```
int year ;
```

```
};
```

```
int main()
```

```
{
```

```
dateofmerriage b;
```

```
cout<<"enter date/"<<endl;
```

```
cin>> b.date;
```

```
cout<<"enter month/"<<endl;
```

```
cin>> b.month;
```

```
cout<<"enter year/"<<endl;
```

```
cin>> b.year;
```

```
return 0;
```

```
}
```

## **NO13:**

```
#include <iostream>
```

```
using namespace std;
```

```
struct employresultcard
```

```
{
```

```
string name ;
```

```

float percentage ;

int roll ;

int totalmarks ;

int obtainedmarks ;

};

int main()

{

employresultcard c;

cout<<"enter Name"<<endl;

cin>> c.name;

cout<<"enter roll no:"<<endl;

cin>> c.roll;

cout<<"total marks"<<endl;

cin>> c.totalmarks ;

cout<<"obtained marks"<<endl;

cin>> c.obtainedmarks;

cout<<"percentage"<<endl;

cin>> c.percentage;

return 0;

}

```

#### **NO14:**

```

using namespace std;

#include<iostream>

struct volunteer profile

{

string name ;

int age ;

float salary ;

```

```
};

int main()

{

    volunteerp;

    cout<<"enter full name"<<endl;

    cin>> p.name;

    cout<<"enter age"<<endl;

    cin>> p.age;

    cout<<"enter salary"<<endl;

    cin>> p.salary;

    return 0;

}
```

## NO15:

```
using namespace std;

#include<iostream>

struct speed

{

    int feet;

    int inch;

};

int main()

{

    dist d;

    cout<<"enter feet"<<endl;

    cin>> d.feet;

    cout<<"enter inch"<<endl;

    cin>> d.inch;
```

```
return 0;
```

```
}
```