

DATA STRUCTURE LAB

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Create structure for student having:

1: Three attributes of students

2: Create three student entries

```
#include <stdio.h>
```

```
struct student
```

```
{
```

```
    int sr_n;
```

```
    char name[50];
```

```
    int roll_no;
```

```
}s[3];
```

```
int main()
```

```
{
```

```
    printf("Enter records of students\n");
```

```
    for(int i=0;i<3;i++){
```

```
        printf("\nEnter sr_n : ");
```

```
        scanf("%d",&s[i].sr_n);
```

```
        printf("\nEnter name : ");
```

```
        scanf("%s",s[i].name);
```

```
        printf("\nEnter the roll_no : ");
```

```
        scanf("%d",&s[i].roll_no);
```

```
    }
```

```
    printf("*****\n");
```

```

for(int i=0;i<3;i++){
    printf("\nEnter sr_n = %d",s[i].sr_n);
    printf("\nEnter name : %s",s[i].name);
    printf("\nEnter the roll_no = %d",s[i].roll_no);
}
return 0;
}

```

```

#include <stdio.h>
struct student
{
    int sr_n;
    char name[50];
    int roll_no;
}s[3];
int main()
{
    printf("Enter records of students\n");
    for(int i=0;i<3;i++){
        printf("\nEnter sr_n : ");
        scanf("%d",&s[i].sr_n);
        printf("\nEnter name : ");
        scanf("%s",s[i].name);
        printf("\nEnter the roll_no : ");
        scanf("%d",&s[i].roll_no);
    }
    printf("*****\n");
    for(int i=0;i<3;i++){
        printf("\nEnter sr_n = %d",s[i].sr_n);
        printf("\nEnter name : %s",s[i].name);
        printf("\nEnter the roll_no = %d",s[i].roll_no);
    }
    return 0;
}

```

OUTPUT

Enter records of students

Enter sr_n : 1

Enter name : Abhishek

Enter the roll_no : 07

Enter sr_n : 2

Enter name : Nitin

Enter the roll_no : 45

Enter sr_n : 3

Enter name : Akash

Enter the roll_no : 16

Enter sr_n = 1

Enter name : Abhishek

Enter the roll_no = 7

Enter sr_n = 2

Enter name : Nitin

Enter the roll_no = 45

Enter sr_n = 3

Enter name : Akash

Enter the roll_no = 16

...Program finished with exit code 0

Press ENTER to exit console.