

LAB 1

```
#include <stdio.h>
struct student
{
    int id, age, marks;
```

```
};
int main()
```

```
{
    struct student data[100];
    int n;
```

```
    printf("enter the numbers of students: \n");
    scanf("%d", &n);
```

```
    int i;
```

```
    for (i = 0; i < n; i++)
```

```
{
        printf("enter data of the student %d \n", i+1);
```

```
        printf("id: ");
```

```
        scanf("%d", &data[i].id);
```

```
        printf("enter age of the student %d \n", i+1);
```

```
        printf("age: ");
```

```
        scanf("%d", &data[i].age);
```

```
        printf("enter marks of the student %d \n", i+1);
```

```
        printf("marks: ");
```

```
        scanf("%d", &data[i].marks);
    }
```

```
    printf("the students who are qualified for admission are: \n");
```

```
    for (i = 0; i < n; i++)
```

```
    {
        if (data[i].age >= 20 && data[i].marks <= 100)
```

```
        printf("student id: %d age: %d marks: %d \n",
            data[i].id, data[i].age, data[i].marks);
    }
    return 0;
```