

③ #include <stdio.h>

18/12/23

```
struct issue date {
```

```
    float day;
```

```
    float month;
```

```
    int year;
```

```
};
```

```
struct student book {
```

```
    char name[20];
```

```
    int usn;
```

```
    int bookid;
```

```
    struct issue date date;
```

```
} student;
```

```
void main () {
```

```
    int s=0, a, t=0, p, r;
```

```
    float d;
```

```
    printf("Enter student name:");
```

```
    scanf("%s", &studentname);
```

```
    printf("Enter student usn:");
```

```
    scanf("%d", &student usn);
```

```
for (int i=0; i<4; i++) {
```

```
    printf("enter 1 for taking else 0");
```

```
    scanf("%d", &a);
```

```
    if (a == 1) {
```

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

```
        scanf("%d", &student bookid);
```

```
printf("Enter issue date; ").  
scanf("%f %f %f", & student.date.day,  
        & student.date.month,  
        & student.date.year);
```

```
s = s + 1;
```

```
}
```

```
else {
```

```
    i = 4;
```

```
}
```

```
}
```

```
d = (12 - student.date.month) * 30;
```

```
r = d + (18 - student.date.day);
```

```
p = 90 - r;
```

```
if (r > 90) {
```

```
    f = (f + 50) * s;
```

```
}
```

```
printf("No of remaining days is %d\n", p);
```

```
printf("No of book can be taken %d\n",  
        (4 - s));
```

```
printf("Fine pending is %d ", f);
```

output:

Enter Student name: Dhanush

Enter Student usn: 324

enter 1 for taking else 0: 1

Enter book id: 1241423

Enter issue date: 12 11 23

enter 1 for taking else 0: 1

Enter book id: 2461

Enter issue date: 12 11 23.

enter 1 for taking else 0: 0

No of days remaining: 54

No of books can be taken: 2

Fine pending: 0.

④ ~~#include <stdio.h>~~

Struct Distance {

int feet;

float inches;

}

void main() {

int n;

Struct Distance arr[] = ({ 1, 1.7 }, { 1, 1.5 }
{ 6, 8 });

n = size of (arr) / size of (arr[0]);

Struct Distance sum = { 0, 0.0 };

for (int i = 0; i < n; i++) {

sum.feet = sum.feet + arr[i].feet;

sum.inches = sum.inches + arr[i].inches;

}