

```
1 #include <stdio.h>
2 int main() {
3     int age;
4     printf("Enter your age: ");
5     scanf("%d", &age);
6     if (age >= 18) {
7         printf("Congratulations! You are eligible to cast your vote\n");
8     } else {
9         printf("Sorry, you are not eligible to cast your vote");
10    }
11    return 0;
12 }
```

```
Enter your age: 21
Congratulations! You are eligible to cast your vote

[Process completed - press Enter]
```

```
1 #include<stdio.h>
2 int main()
3 {
4     int ram, shyam, ajay;
5     printf("\nenter ram's age:");
6     scanf("%d", &ram);
7     printf("\nenter shyam's age:");
8     scanf("%d", &shyam);
9     printf("\nenter ajay's age:");
10    scanf("%d", &ajay);
11    if (ram<shyam && ram<ajay){
12        printf("ram is the youngest\n");}
13    else if (shyam<ram && shyam<ajay){
14        printf("shyam is the youngest\n");}
15    else {
16        printf("ajay is the youngest");}
17    return 0;
18 }
```

enter ram's age:16

enter shyam's age:17

enter ajay's age:18  
ram is the youngest

[Process completed - press Enter]

```
1 #include<stdio.h>
2 int main()
3 {
4     int num;
5     printf("enter a number:");
6     scanf("%d", &num);
7     if (num==0){
8         printf("the number is 0");}
9     else if (num<0){
10        printf("the number is negative");}
11    else {
12        printf("the number is positive ");}
13    return 0;
14 }
15
```

```
enter a number:1
the number is positive
[Process completed - press Enter]
```

```

1 #include <stdio.h>
2 int main() {
3     int rollNo;
4     char name[50];
5     float marks1, marks2, marks3, total, percentage;
6     printf("Enter Roll Number: ");
7     scanf("%d", &rollNo);
8     printf("Enter Name: ");
9     scanf("%s", name);
10    printf("Enter Marks for Subject 1: ");
11    scanf("%f", &marks1);
12    printf("Enter Marks for Subject 2: ");
13    scanf("%f", &marks2);
14    printf("Enter Marks for Subject 3: ");
15    scanf("%f", &marks3);
16    total = marks1 + marks2 + marks3;
17    percentage = (total / 300) * 100;
18    printf("\nRoll Number: %d\n", rollNo);
19    printf("Name: %s\n", name);
20    printf("Total Marks: %.2f\n", total);
21    printf("Percentage: %.2f%%\n", percentage);
22    if (percentage >= 75) {
23        printf("Class: First Class with Distinction\n");
24    } else if (percentage >= 60 && percentage < 75) {
25        printf("Class: First Class\n");
26    } else {
27        printf("Class: Second Class\n");
28    }
29
30    return 0;
31 }

```

```

Enter Roll Number: 39
Enter Name: Jacob
Enter Marks for Subject 1: 94
Enter Marks for Subject 2: 93
Enter Marks for Subject 3: 96

```

```

Roll Number: 39
Name: Jacob
Total Marks: 283.00
Percentage: 94.33%
Class: First Class with Distinction

```

```

[Process completed - press Enter]

```

```
1 #include <stdio.h>
2 int main() {
3     int number;
4     printf("Enter a number: ");
5     scanf("%d", &number);
6     if (number < 100) {
7         if (number % 2 == 0) {
8             printf("The number is less than 100 and it is even.\n");
9         } else {
10            printf("The number is less than 100 and it is odd.\n");
11        }
12    } else {
13        printf("It is a positive number greater than or equal to 100.\n");
14    }
15
16    return 0;
17 }
```

Enter a number: 99

The number is less than 100 and it is odd.

[Process completed - press Enter]