

```

1  /*If the ages of Ram, Shyam, and Ajay are input through the keyboard, write a
2  program to determine the youngest of the three. (Use if-else if...else)*/
3
4
5  #include <stdio.h>
6
7  int main()
8  {
9      int Ram,Shyam,Ajay;
10     printf("Enter the ages of Ram,Shyam,Ajay:\n");
11     scanf("%d%d%d",&Ram,&Shyam,&Ajay);
12     if(Ram<Shyam&&Ram<Shyam)
13
14         printf("Ram is youngest of the three");
15
16     if(Shyam<Ram&&Shyam<Ajay)
17
18         printf("Shyam is youngest of the three");
19
20     else if(Ajay<Ram&&Ajay<Shyam)
21
22         printf("Ajay is the youngest of the three");
23
24         return 0;
25 }
26

```

input

Enter the ages of Ram,Shyam,Ajay:

8  
8  
0

Ram is youngest of the three

..Program finished with exit code 0

Press ENTER to exit console.

```
1  /*Program checks whether a number given by the user is zero, positive, or negative*/
2
3
4
5  #include <stdio.h>
6
7  int main()
8  {
9      int n;
10     printf("Enter any number:");
11     scanf("%d",&n);
12     if(n>0)
13         printf("%d is POSITIVE",n);
14
15     else if(n<0)
16
17         printf("%d is NEGATIVE",n);
18
19     else if(n==0)
20
21         printf("%d is ZERO",n);
22
23
24
25     return 0;
26 }
27
```

input

Enter any number:13  
13 is POSITIVE

...Program finished with exit code 0  
Press ENTER to exit console.

```

4  c. If the percentage of the marks <60 print Second Class"
5  #include<stdio.h>
6  int
7  main ()
8  {
9      int m1, m2, m3, mark;
10     char name[20], rollno[10];
11     float perc,total;
12     printf ("Enter your name:");
13     gets (name);
14     printf ("Name is");
15     puts (name);
16     printf ("Enter your Roll Number:");
17     gets (rollno);
18     printf ("Roll Number is");
19     puts (rollno);
20     printf ("Enter marks 1 : ");
21     scanf ("%d", &m1);
22     printf ("Enter marks 2 : ");
23     scanf ("%d", &m2);
24     printf ("Enter marks 3 : ");
25     scanf ("%d", &m3);
26     total = m1 + m2 + m3;
27     perc=(total/300)*100;
28     printf ("Marks 1 is %d\n", m1);
29     printf ("Marks 2 is %d\n", m2);
30     printf ("Marks 3 is %d\n", m3);
31     printf ("Total is %f\n ", total);
32     printf ("Percentage is %.2f\n ",perc);
33     if (mark >= 75)
34         printf ("First Class with Distinction");
35     else if ((mark >= 60) && (mark < 75))
36         printf ("First Class");
37     else if(mark <60)
38         printf("Second class");
39     return 0;
40 }
41

```

```
Enter your name:KLIMT VAGAS
Name isKLIMT VAGAS
Enter your Roll Number:23456789
Roll Number is23456789
Enter marks 1 : 56
Enter marks 2 : 45
Enter marks 3 : 34
Marks 1 is 56
Marks 2 is 45
Marks 3 is 34
Total is 135.000000
Percentage is 45.00
Second class
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

```
1- /*Write a C Program to check whether a given number is less than 100.if so check
2- whether it is odd or even.Otherwise display the result as "it is a positive number
3- greater than 100".(Use Nested if)*/
4
5 #include <stdio.h>
6
7 int main()
8 {
9     int n;
10    printf("Enter any number: ");
11    scanf("%d", &n);
12    if (n<100)
13        if (n%2==0)
14            printf(" %d is less than 100 & it is a even number",n);
15        else
16            printf("%d is less than 100 & it is a an odd numbe",n);
17        else
18            printf(" %d is a positive number greater than 100.", n);
19
20
21
22    return 0;
23 }
24
```



input

```
Enter any number: 28
28 is less than 100 & it is a even number
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```