- To use online C compiler to practice the following C programs and use online tool (www.draw.io) to draw the flow chart for the above C programs.
- 1. Adding 3 numbers

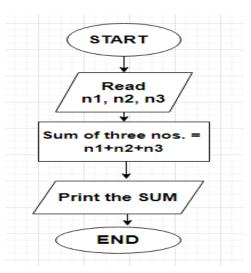
```
CODE;
```

```
#include<stdio.h>
int main()
{
     int num1, num2, num3, sum;
     printf("Enter 3 numbers to add\n");
     scanf(%d %d %d, &num1, &num2, &num3);
     sum = num1+num2+num3;
     printf("Sum of 3 numbers= %d/n, sum");
     return 0;
}
```

#### **RESULT;**

```
I.II Result
 $gcc -o main *.c
 $main
 Enter 3 numbers to add
 Sum of 3 numbers =19
```

# FLOWCHART;



# 2. Calculating the total and average marks of a student with six subjects.

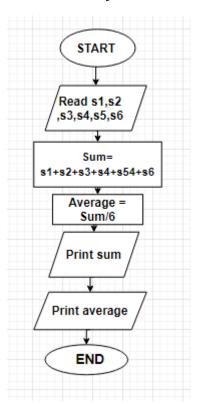
### CODE;

```
#include<stdio.h>
void main()
{
     int s1,s2,s3,s4,s5,t,avg;
     printf("\n Enter marks of 6 subjects ");
     printf("\n\n Mathematics = 94");
     scanf("%d",&s1);
     printf("\n Science = 85");
     scanf("%d", &s2);
     printf("\n English = 83");
     scanf("%d",&s3);
     printf("\n History = 79");
     scanf("%d", &s4);
     printf("\n Geography= 90");
     scanf("%d",&s5);
     printf("\n Economics = 95");
     scanf("%d", &s6);
     t=s1+s2+s3+s4+s5+s6;
     printf("\n\n Total marks = %d",t);
     avg=t/6;
     printf("\n\n Average = %d, avg");
     return 0;
}
```

#### **RESULT;**

```
ı.lı Result
$gcc -o main *.c
main.c: In function 'main':
main.c:27:8: warning: 'return' with a value, in function returning void
 return 0;
 main.c:2:6: note: declared here
 void main()
 $main
 Enter marks of 6 subjects
 Mathematics = 94
 Science = 85
  English = 83
 History = 79
 Geography = 90
  Economics = 95
 Total marks = 526
 Average = 87
```

# FLOWCHART;



3. To find the largest among three given numbers, which are different from each other.

#### CODE;

```
#include<stdio.h>
{
   Int A,B,C;
  Printf("Enter the numbers A,B,C: ");
   Scanf("%d %d %d", &A, &B, &C);
   If (A >= B \&\& A >= C)
       Printf("%d is the largest number.",A);
   If (B >= A \&\& B >= C)
       Printf("%d is the largest number.",B);
   If (C >= A \&\& C >= B)
       Printf("%d is the largest number.",C);
   Return 0;
}
```

### **RESULT;**

#### I.II Result

```
$gcc -o main *.c
$main
Enter the numbers A, B and C: 4 is the largest number.
```

# FLOWCHART;

