1st program

```c
#include <stdio.h>

int main()
{
    int n, i;
    int num1, num2, result;
    char option;
    for (i=1; i!=0; i++)
    {
        printf("Enter 1 for addition \n");
        printf("Enter 2 for subtraction \n");
        printf("Enter 3 for multiplication \n");
        printf("Enter 4 for division \n");
        printf("Enter 5 for less than \n");
        printf("Enter 6 for greater than \n");
        printf("Enter 7 for lesser than or equal
                to \n");
        printf("Enter 8 for greater than or equal to \n");
        printf("Enter 9 for equal to \n");
        printf("Enter 10 for modulus \n");
        printf(">>\n");
        scanf("%d", &n);
```

```c
printf ("Enter 1st number \n");
scanf ("%d", &num1);
printf ("Enter 2nd number \n");
scanf ("%d", &num2);
switch (n) {
    case 1:
        result = (num1 + num2);
        printf ("The result is %d", result);
        break;
    case 2:
        result = (num1 - num2);
        printf ("The result is %d", result)
        break;
    case 3:
        result = (num1 * num2);
        printf ("The result is %d", result);
        break;
    case 4:
        result = (num1 / num2);
        printf ("The result is %d", result);
        break;
    case 5:
        result = (num1 < num2);
        printf ("The result is %d", result)
        break;
```

```c
case 6 :
        result = (num1 > num2).
        printf ("The result is %d", result);
        break;
Case 7 :
        result = (num1 <= num2);
        printf ("The result is %d", result);
        break;
Case 8 :
        result = (num1 >= num2);
        printf ("The result is %d", result);
        break;
Case 9 :
        result = (num1 == num2);
    printf ("The result is %d", result);
        break;
Case 10 :
        result = (num1 % num2) ;
        printf ("The result is %d", result)
        break;
default :
        printf ("invalid \n");
        break;
    }
```

```c
printf("\n if you want to continue then
        enter yes \n");
scanf("%s", &option);
getch();
if (option! = "yes"|| option! = "Yes")
    i = 0;
}


getch();
return 0;
}
```

2nd program

```c
# include <stdio.h>
float sumaner (int 1, int 12)
{

    float avg = 0; int sum = 0;
    sum = (1 + 12);
    avg = (sum)/2;
    printf ("sum is: %d \n", sum);
    return avg;
}
void printeven (int 1, int 12)
{

        int i;
        Printf (" Even numbers are:\n");
        for (i = 12; i<1; i++)

    {

        If ( i%2 == 0)
        {

            printf (" %d ", i);
        }

    }

}
?
```

```c
void main ()
{
    int a , b, c, 1 , 12 ;
    print f ("Enter the any 3 number: ");
    Scanf ("%d %d%d ", &a, &b, &c);
    if (a>b && a>c)
    1 = a;
    if (b>a && b>c)
    1 = b;
    else
    1 = c;
    if (a == 1)
    {
        If (b>c)
            12 = b;
        else
            12 = c;
    }
    If (b == >1)
    {
        if (a>c)
            +2 = a;
        else
            12 = c;
```

```
    if (c==1)
    {
        if (a>b)
            l2 = a;
        else
            l2 = b;
    }
    printf ("Average is: %.1f\n ",sumaver(1,l2));
    printeven (1,l2);

}
```

er: ");
c);