main.c

```c
#include <stdio.h>
#include<stdlib.h>
int main()
{
    printf("Input your choice\n");
    int sum,sub,mul,c,n1,n2;
    float div;
    while(1)
    {
        printf("1.Adition\n");
        printf("2.Subtraction\n");
        printf("3.Multiplication\n");
        printf("4.Division\n");
        printf("5.Greater than\n");
        printf("6.Lesser than\n");
        printf("7.Equal\n");
        printf("8.Not equal\n");
        printf("9.Increment\n");
        printf("10.Deacrement\n");
        printf("11.Exit\n");
        scanf("%d",&c);
        printf("Enter two numbers\n");
        scanf("%d%d",&n1,&n2);
        switch(c)
        {
            case 1:
            sum=n1+n2;
            printf("Result is:%d\n",sum);
            break;
            case 2:
```

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```
        case 2:
        if(n2>n1)
        sub=n2-n1;
        else
        sub=n1-n2;
        printf("Result is: %d\n",sub);
        break;
        case 3:
        mul=n1*n2;
        printf("Result is: %d\n",mul);
        break;
        case 4:
        div=n2/n1;
        printf("Result is: %f\n",div);
        break;
        case 5:
        if(n1>n2)
        printf("Greater number is: %d\n",n1);
        else
        printf("Greater number is: %d\n",n2);
        break;
        case 6:
        if(n1<n2)
        printf("Lesser number is: %d\n",n1);
        else
        printf("Lesser number is: %d\n",n2);
        break;
        case 7:
        if(n1=n2)
        printf("Both the numbers are equal\n");
```

```
        else
        printf("Lesser number is: %d\n",n2);
        break;
        case 7:
        if(n1=n2)
        printf("Both the numbers are equal\n");
        else
        continue;
        break;
        case 8:
        if(n1!=n2)
        printf("Both the numbers are not equal\n");
        else
        continue;
        break;
        case 9:
        printf("The first number incremented is: %d\n",n1++);
        printf("The second number incremented is: %d\n",n2++);
        break;
        case 10:
        printf("The first number decremented is: %d\n",n1--);
        printf("The second number decremented is: %d\n",n2--);
        break;
        case 11:
        exit(0);
    }

  }
}

```

```
Input your choice
1.Adition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
1
Enter two numbers
6
7
Result is:13
1.Adition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
5
```

```
7
Result is:13
1.Adition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
5
Enter two numbers
5
6
Greater number is: 6
1.Adition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
```

```
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
9
Enter two numbers
7
4
The first number incremented is: 8
The second number incremented is: 5
1.Adition
2.Subtraction
3.Multiplication
4.Division
5.Greater than
6.Lesser than
7.Equal
8.Not equal
9.Increment
10.Deacrement
11.Exit
11
```

```c
#include <stdio.h>
float sumaver(int,int);
void printeven(int,int);
void main()
{
    int a,b,c,n1,n2;
    float avg;
    printf("Enter three numbers\n ");
    scanf("%d%d%d",&a,&b,&c);
    if(a>b && a<c)
    {
        if(b>c)
        {
            n1=a;
            n2=b;
        }
        else
        {
            n1=a;
            n2=b;
        }
    }
    if(b>a && b>c)
    {
        if(a>c)
        {
            n1=b;
            n2=a;
        }
        else
```

```
        }
        else
        {
            n1=b;
            n2=c;
        }
    }
    if(c>a && c>b)
    {
        if(a>b)
        {
            n1=c;
            n2=a;
        }
        else
        {
            n1=c;
            n2=b;
         }
    }
    avg=sumaver(n1,n2);
    printeven(n1,n2);
}
float sumaver(int n1,int n2)
{
    float avg;
    avg=(n1+n2)/2;
    printf("Sum=%d\n",n1+n2);
    return avg;
}
```

```
        }
    }
     avg=sumaver(n1,n2);
     printeven(n1,n2);
}
float sumaver(int n1,int n2)
{
     float avg;
     avg=(n1+n2)/2;
     printf("Sum=%d\n",n1+n2);
     return avg;
}
void printeven(int n1,int n2)
{
     int n;
     n=n2;
     while(n<n1)
     {
          if(n%2==0)
          printf("%d\n",n+2);
          else
          printf("%d\n",n+1);
          n=n+2;
     }
}
```

```
Enter three numbers
 45
67
100
Sum=167
68
70
72
74
76
78
80
82
84
86
88
90
92
94
96
98
100


...Program finished with exit code 101
Press ENTER to exit console.
```