

1. #include <stdio.h>
int main()
{

printf("Input your choice");
int sum, sub, mul, div, c, n1, n2;
while (true)
{

printf("1. Addition\n");
printf("2. Subtraction\n");
printf("3. Multiplication\n");
printf("4. Division\n");
printf("5. Greater than\n");
printf("6. Less than\n");
printf("7. Equal\n");
printf("8. Not equal\n");
printf("9. ~~Area of square~~ Increment\n");
printf("10. Decrement\n");
scanf("%d", &c);
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", sum);
break;

case 2:
if (n2 > n1)
sub = n2 - n1;
else sub = n1 - n2;
printf("Result is: %d", sub);
break;

case 3:
mul = n1 * n2;


```

printf("Result is: %d\n", mul);
break;
case 4:
    div = n2 / n1;
    printf("Result is: %d\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("The numbers are unequal\n");
    break;
case 8:
    if (n1 == n2)
        printf("Both the numbers are equal\n");
    else
        printf("The numbers are unequal\n");
    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:
    exist(0);
}
}
}

```

```

2. #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
{
    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 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;  
    }  
}
```