OOJ Lab.

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

    int a, b, s, n;
    n = 1;
    while (n == 1)
    {

    printf("Enter two numbers");
    scanf("%d %d", a, b);
    printf(" Enter    1- addition
                      2- Subtraction
                      3- multiplication
                      4- division
                      5- quotient greater than
                      6 - Cesser than
                      7 - greater than or equal
                      8 - Cesser than or equal
                      9 - equal to
                      10 - not equal to ");
    scanf("%d ", &s)
    switch (s)
    {

    case 1: printf("%d + %d = %d ", a, b, a+b);
    break;
    case 2: printf("%d - %d = %d", a, b, a-b);
    break;
    case 3: printf("%d * %d = %d", a, b, a*b);
    break;
    case 4: printf("%d / %d = %d", a, b, a/b);
    break;
    case 5: printf("%d", if (a>b)
                    printf("True"); else printf("False");
```

```c
        break;
    case 6: if (a < b)
                printf("True");
            else
                printf("False");
    break;
    case 7: if (a >= b)
                print f("True");
            else
                printf("False");
    break;
    case 8: if (a <= b)
                printf("True");
            else
                printf("False");
    break;
    case 9: if (a == b)
                printf("equal");
            else
                printf("not equal");
    break;
    case 10: if (a != b)
                print f("Not equal");
            else
                printf("Equal");
    break;
    default : printf("Invalid Input");
}
    print f("Enter 1 to continue  0 to exist");
    scanf("%d", &n);
```