Practice for OOJ Lab programs

①
```c
#include <stdio.h>
#include <math.h>

int main()
{
    int no1, no2, option;
    long long ans = 1;
    printf("Enter the first number : ");
    scanf("%d", &no1);
    printf("Enter the second number : ");
    scanf("%d", &no2);

    printf("\n input your option ");

    printf(" 1- Addihon.\n 2- Subtraction.\n
    3- Multiplication.\n 4- Division. \n5- check
    for equal numbers.\n 6- check for greater
    numbers.\n7- check for lesser numbers.\n
    8- check for Average.\n 9- 2*(number 1 +
    number 2).\n 10- 3*(number 1 + number 2).
    \n 11- Exit\n ");

    scanf("%d", &option);
    while (option != 11)
    {
        switch (option)
        {
            case 1:
                printf("The Addition of %d & %d is
                %d\n", no1, no2, no1 + no2);
                break;
```

```c
case 2 :
    printf (" The subtraction of %d & %d is
        %d \n ", no1 , no2 , no1 - no2 );
    break ;


Case 3 :
    printf (" The multiplication of %d & %d
        is = %d \n ", no1 , no2 , no1 * no2 );
    break ;


case 4 :
    if ( num 2 == 0 )
    {
        printf (" The answer is infinity \n ");
    }
    else
    {
        printf (" the division of %d & %d
            is %d \n ", no1 , no2 , no1 / no2 );
    }
    break ;


Case 5 :
    if ( no1 == no2 )
    {
        printf (" The are equal \n ");
    }
    else
        printf (" Not equal \n ");

    break ;
```

```c
case 6 :
    if (no1 > no2)
    {
        printf ("%d is greater than %d \n" no1, no2);
    }
    else
        printf ("%d is greater than %d \n" no2, no1);
    break;

Case 7 : if (no1 < no2)
    {
        printf ("%d is less than %d \n" no1, no2);
    }
    else
        printf ("%d is less than %d \n" no2, no1);

    break;

Case 8 : # printf ("The avg of these numbers is
            %d \n}, (no1 + no2)/2);

    break;

Case 9 : printf ("The value of given is equal
            to %d \n, 2 (no1 + no2)");

    break;

Case 10 : printf ("The value is equal to %d \n"
            , 3 (no1 + no2));
    break;
```

```c
default :
    printf (" Input correct option\n");
    break ;
}
scanf ( "%d", & option);
}
printf(" You can exit from the calculator
return 0;
}
```