

```

//does calculations like addition sub,division,multiplication
#import <Foundation/Foundation.h>
#import<stdio.h>
#import "calculator.h"

void display()
{
    int a,b,ch,res;
    calculator *mycalc=[[calculator alloc]init];
    do
    {
        NSLog(@"Enter the first number\n");// similar to printf but it display time stamp too
        scanf("%d",&a);
    }
    while(a==0);
    do
    {
        NSLog(@"Enter the second number\n");
        scanf("%d",&b);
    }
    while(b==0);//some number divided by 0 is not accepted
    do
    {
        NSLog(@"Enter your choice\n");
        NSLog(@"1.Addition\n2.Substraction\n3.Multiplication\n4.Division\n");
        scanf("%d",&ch);
    }
    while(ch<=1 && ch>=4);
    switch(ch)
    {
        case 1:res=[mycalc calc:a num2:b op:'];break;
        case 2:res=[mycalc calc:a num2:b op: '-'];break;
        case 3:res=[mycalc calc:a num2:b op: '*'];break;
        case 4:res=[mycalc calc:a num2:b op: '/'];break;
    }

    NSLog(@"The result is : %d\n",res);
}

int main()
{
    int choice;
    do
    {
        display();
    }
}

```

```
        NSLog(@"Hello");
        NSLog(@"Do you want to continue?(1.yes 2.no)\n");
        scanf("%d",&choice);
    }
    while(choice==1);
    return 0;
}
```