

OOP's LAB-1 Experiment (Structure/ Union)

Experiment 5:

Develop on Structure name is Arithmetic, in this two parameter num1, num2.operation in this structure perform addation, multiplication, division, substraction

```
struct Arithmetic
{
    int no1;
    int no2;
} Arithmetic;
void add(Arithmetic no1, Arithmetic no2);
void sub(Arithmetic no1, Arithmetic no2);
void mul(Arithmetic no1, Arithmetic no2);
void div(Arithmetic no1, Arithmetic no2);
int main()
{}
```

Experiment 6:.

1) Develop on structure name is Complex, in this two parameter real and imag. write following function how perform add(),sub(),mul(),div() of two complex number using switch case.

```
struct Complex{ int  real,int imag}complex;
complex add(complex a,complex b);
complex add(complex a,complex b);
complex add(complex a,complex b);
complex add(complex a,complex b);
void menu();
int  main(){}
```

Experiment 7:

Develop on Structure name is Arithmetic, in this two parameter num1, num2.operation in this structure perform addation, multiplication, division, substraction

```
struct Arithmetic
{
    int no1;
    int no2;
} Arithmetic;
void add(Arithmetic no1, Arithmetic no2);
void sub(Arithmetic no1, Arithmetic no2);
void mul(Arithmetic no1, Arithmetic no2);
void div(Arithmetic no1, Arithmetic no2);
int main()
{}
```