**Define a structure “complex” (typedef) to read two complex numbers and perform addition, subtraction of these two complex numbers and display the result.**

**#include<stdio.h>**

**#include<conio.h>**

**typedef struct**

**{**

**float real,imag;**

**}complex;**

**int main()**

**{**

**complex n1,n2,s,d;**

**printf("Enter a and b where a+ib is first complex number:\t");**

**scanf("%f%f",&n1.real,&n1.imag);**

**printf("Enter c and d where c+id is second complex number:\t");**

**scanf(" %f%f",&n2.real,&n2.imag);**

**s.real=n1.real+n2.real;**

**s.imag=n1.imag+n2.imag;**

**d.real=n1.real-n2.real;**

**d.imag=n1.imag-n2.imag;**

**printf("\n\nSum= %f + (%fi)",s.real,s.imag);**

**printf("\n\nDifference= %f + (%fi)",d.real,d.imag);**

**getch();**

**return 0;**

**}**