**ADDITION & SUBTRACTION OF TWO COMPLEX NUMBERS USING C PROGRAM**

C code:  
1. **Adding two complex numbers in c**

2. **C program for addition of two complex numbers**

3. **C program to add two complex numbers**  
  
#include<stdio.h>

int main(){

  int a,b,c,d,x,y;

  printf("\nEnter the first complex number:");

  scanf("%d%d",&a,&b);

  printf("\nEnter the second complex number:");

  scanf("%d%d",&c,&d);

  if(b<0)

      printf("%d-i\n",a-b);

  else

      printf("d+i\n",a+b);

  if(d<0)

      printf("d-i\n",c-d);

  else

      printf("%d+i\n",c+d);

  printf("\nADDITION ");

  x=a+c;

  y=b+d;

  if(y>0)

      printf("%d-i%d",x,-y);

  else

      printf("%d+i%d",x,+y);

  printf("\n\nSUBTRACTION ");

  x=a-c;

  y=b-d;

  if(y<0)

      printf("%d-i%d",x,-y);

  else

      printf("%d+i%d",x,+y);

  return 0;

}