```
                              complx1.c
// Basic complex number representation and add/subtract operation
// CS5900 Summer 2015


#include <stdio.h>
#include <complex.h>

int main(void)
{
    double complex dc1 = 2 + 2*I;
    double complex dc2 = 4 + 7*I;
    double complex sum, diff;

    sum = dc1 + dc2;
    diff = dc1 - dc2;

    printf(" SUM = (%.2f + i%.2f)\n", creal(sum), cimag(sum));
    printf(" Difference = (%.2f + i%.2f)\n", creal(diff), cimag(diff));

      getch();
    return 0;
}
```