



Cubo Silos de Buenos Aires

Tema: 41

matricula: 21.1.4111

```
#include <stdio.h>
```

```
#include <math.h>
```

```
typedef struct {
```

```
double real;
```

```
double imaginario;
```

```
}complex;
```

```
Complex Suma (complex x,
```

```
double a, b, c, d);
```

```
a = x.real
```

```
b = x.imaginario
```

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Curso: Sólidos de Programação Avançada

Turma: 41

matrícula: 21.1.4111

#include <stdio.h>

#include <math.h>

typedef struct {

double real;

double imaginario;

} complex;

complex soma(complex x, complex y) {

double a, b, c, d;

a = x.real

b = x.imaginario

c = y.real

d = y.imaginario

complex result;

result.real = (a + c);

result.imaginario = (b + d);

return result; }

complex mult(complex x, complex y) {

double ac = x.real * y.real;

double bd = x.imaginario * y.imaginario;

double ad = x.real * y.imaginario;

double bc = x.imaginario * y.real;

complex result;

result.real = ac - bd;

result.imaginario = ad + bc;

return result; }