

# Monomios

# functions.h

```
typedef struct s_monomio{  
    int coeficiente;  
    int grado;  
}monomio;
```

# Old Way

```
struct monomio{  
    int coeficiente;  
    int grado;  
};
```

```
Struct monomio m;  
m.coeficiente = 5;
```

# My way

```
typedef struct monomio{  
    int coeficiente;  
    int grado;  
}monomio;
```

```
Monomio p;  
p.grado = 2;
```

¿SIZE?

```
#def SIZE 2
```

# Operator “→”

```
void leer_monomio(monomio *p_monomio){  
    p_monomio->coeficiente = 2;  
    p_monomio->grado = 3;  
}
```

## Project

## with\_type.c

## with\_type\_header.h

## Git

- > .git
- ▼ Memoria\_dinamica
  - a.out
  - matriz\_dinamica.c
  - vector\_dinamico.c
- > memory\_segmentation
- ▼ p1
  - > ej7
  - ▼ ejercicio\_6
    - a.out
    - main.c
  - ▼ monomio
    - ./lock.slides.odp#
    - functions.c
    - functions.h
    - main.c
    - slides.odp
  - > vector
- > strings
- ▼ structs
  - a.out
  - no\_type.c
  - with\_type\_header.h
  - with\_type.c
  - memory segmentation.pdf
  - README.md

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include "with_type_header.h"
4
5
6 void pol_f(monomio* pol){
7
8     pol.grado = 2;
9 }
10
11 int main(int argc, char const *a
12     monomio p;
13     p.grado = 2;
14     printf("%d\n",p.grado );
15     monomio pol[2];
16     pol_f(pol);
17     return 0;
18 }
19
```

```
cyberh99@AwesomeMAchineSempai: ~/C-programming/structs
~/C-programming/structs(master*) > ./a.out
~/C-programming/structs(master*) > gcc -g with_type.c
~/C-programming/structs(master*) > ./a.out
2
~/C-programming/structs(master*) > gcc -g with_type.c
with_type.c: In function 'main':
with_type.c:9:18: error: invalid type argument of '>' (have 'monomio {aka struct monomio_s}')
    printf("%d\n",p->grado );
                   ^~
~/C-programming/structs(master*) > gcc -g with_type.c
~/C-programming/structs(master*) > gcc -g with_type.c
with_type.c: In function 'pol_f':
with_type.c:8:6: error: 'pol' is a pointer; did you mean to use '->'?
    pol.grado = 2;
    ^~
    ->
~/C-programming/structs(master*) >
```

Amend

Commit

72

structs/with\_type.c 5:1

LF UTF-8 C master 9 files

# Compilación

main.c

functions.c

functions.h

- *`gcc -g -lm -o monomio main.c functions.c`*



# Talk is cheap. Show me the code

- <https://github.com/cyberh99>

