

```
1  /*
2  * Proyecto: PunterosAFunciones
3  * Archivo:  main.cpp
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5  *
6  * Created on 17 de abril de 2024, 08:38 AM
7  */
8
9  #include <iostream>
10 #include <iomanip>
11 using namespace std;
12
13 int suma(int a, int b){
14     return a+b;
15 }
16
17 int resta(int a, int b){
18     return a-b;
19 }
20
21 int multiplica(int a, int b){
22     return a*b;
23 }
24
25 int divide(int a, int b){
26     return a/b;
27 }
28
29 int operacion(int a, int b, int (*oper)(int, int)){
30     return oper(a,b);
31 }
32
33 int main(int argc, char** argv) {
34     int x=15,y=4,z;
35     int (*pt)(int, int);
36     int (*arr[4])(int, int){suma,resta,multiplica,divide};
37     // arr[0] = suma;
38     // arr[1] = resta;
39     // arr[2] = multiplica;
40     // arr[3] = divide;
41
42     pt = multiplica;
43     z = pt(x,y);
44     cout<<"Z = "<<z<<endl;
45
46     pt = suma;
47     z = pt(x,y);
48     cout<<"Z = "<<z<<endl;
49
50     z = arr[1](x,y);
51     cout<<"Z = "<<z<<endl;
52
53     z = operacion(x,y,divide);
54     cout<<"Z = "<<z<<endl;
55
56     z = operacion(x,y,suma);
57     cout<<"Z = "<<z<<endl;
58
59     return 0;
60 }
61
62
```