Sobrecarga de funciones

Concepto

- La sobrecarga de funciones permite que funciones diferentes compartan el mismo nombre, a condición de que tengan diferentes tipos y/o número de parámetros

```
float average(const int a, const int b);
float average(const float a, const float b);
char  average(const char first, const char second);
float average(const float a, const float b, const float c);
```

```
float average(const int a, const int b);
float average(const float a, const float b);
char  average(const char first, const char second);
float average(const float a, const float b, const float c);

int main()
{
    cout << average('t', 'g');
    ...
```

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float average(const int a, const int b);
float average(const float a, const float b);
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float average(const int a, const int b);
float average(const float a, const float b);
char  average(const char first, const char second);
float average(const float a, const float b, const float c);

int main()
{
    cout << average('t', 'g');
    cout << average(4, 9);
    ...
```

```
float average(const int a, const int b);
float average(const float a, const float b);
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int main()
{
    cout << average('t', 'g');
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float average(const int a, const int b);
float average(const float a, const float b);
char  average(const char first, const char second);
float average(const float a, const float b, const float c);

int main()
{
    cout << average('t', 'g');
    cout << average(4, 9);
    cout << average(8.99);
    ...
```

```
float average(const int a, const int b);
float average(const float a, const float b);
char  average(const char first, const char second);
float average(const float a, const float b, const float c);

int main()
{
    cout << average('t', 'g');
    cout << average(4, 9);
    cout << average(8.99);
    cout << average(8.99, 4.56);
    ...
```