TP 2 - Problem 7 - I

```cpp
#include <iostream>

#define SHOW(arg) std::cout << "Macro SHOW “" #arg "”: " << (arg) << '\n';

int mystrlen(char const *chr_ptr) {
  char const *end_ptr{chr_ptr};
  // Search for the null character.
  while (*end_ptr != '\0')
    ++end_ptr;
  // The difference between two pointers gives the number of elements.
  return end_ptr - chr_ptr;
}

int main() {
  SHOW(mystrlen(""))
  SHOW(mystrlen("123"))
  return 0;
}
```

TP 2 - Problem 7 - II

Output:

```
1  Macro SHOW “mystrlen("")”: 0
2  Macro SHOW “mystrlen("123")”: 3
```