```
#include <stdlib.h>
#include <string.h>
#define MAXPAROLA 30
#define MAXRIGA 80
 nt main(int arge, char "argv[])
   int freq[MAXPAROLA]; /* vettore di contatte
delle frequenze delle lunghezze delle parole
char riga[MAXRIGA];
int i, inizio, lunghezza;
```

Recursion

References

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References

- Recursion, strategies, examples
 - ➤ Stefano Quer, "Advanced Programming and Problem-Solving Strategies in C Part II: Algorithms and Data Structures", Second Edition, CLUT, 2018
 - Chapter 5, 6, and 7 (pages 231-352) of the following book
- Recursion
 - ➤ Sedgewick 5.1, 5.2
 - Deitel 5.14, 5.15
- Solving recurrence equations
 - Cormen 4.2

References

- Divide and conquer
 - Sedgewick 5.2
 - ➤ Cormen 1.3.1
- Mergesort and Bottom-up mergesort
 - > Sedgewick 8.3 e 8.5
 - Cormen 1.3
- Quicksort
 - Sedgewick 7.1 e 7.2
 - > Cormen 8.1, 8.2