

## Task 1: Is the word guessed?

Program the function `int is_word_guessed(const char secret[], const char letters_guessed[])` with two parameters:

- `const char secret[]`- A string representing a secret word (lowercase letters)
- `const char letters_guessed[]`- A string with all the letters so far

The function returns **1** if the secret word is stored in a parameter `secret` was guessed (it can be compiled from guessed letters stored in the parameter `letters_guessed`). Otherwise, the function returns **0**.

Example of using the function:

```
printf("%d\n", is_word_guessed("secret", "aeiou"));
// prints: 0
printf("%d\n", is_word_guessed("hello", "aeihoul"));
// prints: 1
```

## Task 2: Update the guess word

Program the function `void get_guessed_word(const char secret[], const char letters_guessed[], char guessed_word[])` with three parameters:

- `const char secret[]`- A string representing a secret word (lowercase letters)
- `const char letters_guessed[]`- A string with all the letters so far
- `char guessed_word[]`- The output parameter of the function that will represent the string of the guessing word

The function does not return any value.

The function updates the guess word `guessed_word` so that in secret, not yet guessed positions it will contain the character '\_' and in exposed, already guessed places it will contain a specific letter.

Example of using the function:

```
char result[30];
get_guessed_word("container", "arpstxgoieyu", result);
// result = "_o_tai_er"
```

## Task 3: Update available letters

Program the function `void get_available_letters(const char letters_guessed[], char available_letters[])` with two parameters:

- `char letters_guessed[]`- String with all letters guessed so far (lowercase letters)
- `char available_letters[]`- Alphabet string other than previously guessed letters. Function output parameter.

The function does not return any value.

The function updates the string of available letters `available_letters` by omitting already guessed letters using the parameter `letters_guessed`. This list of letters will be arranged in ascending order.

Example of using the function:

```
char result[30];
get_available_letters("arpstxgoieyu", result);
// result = "bcdfhijklmnqv wz"
```