Steps

- **1.** Read the given file in the two ways proposed in the statement, and display on the screen all the words less than and equal to 7 letters saved in a vector.

- **2.** Save all 7-letter words in a vector and choose one at random.

```
#include <ctime>
srand((unsigned)time(NULL));
random = rand() % (tam);
```

- **3.** The middle letter of this word will be our center letter. And we will keep all the letters of that word without repeating.

- **4.** Save all the letters to play in a string. If we do not reach 7 letters, randomly generate the rest, taking into account that no letter can be repeated.

- **5.** Show the letters to be played on the screen, distinguishing the central letter from the rest.

- **6.** Run the program several times and verify that the letters in the entire set are different from each other. Also verify that the central letter is where it belongs and that we will always play with at least two vowels to form a word.

- **7.** Create the "Verify_letters" subprogram that has the string of the letters to be played and the string that we enter by keyboard as input parameters. This applet returns one of four cases:

    a) It contains central and there are the given letters
    b) Contains central and the given letters are not there
    c) It does not contain a center and the letters are given
    d) It does not contain a center and the letters given are not there

- **8.** Create the "Exists" subprogram that has as input parameters the string that we enter by keyboard and the vector where we have saved all the words. It returns whether that word exists or not in that vector. This applet can also be adapted to know if the word is repeated or not. If it is repeated, the score should not be increased; if it is not repeated and exists in the vector, the score is added.