```java
import java.util.Arrays;
import java.util.Scanner;


public class WordGuessingGame {
    public static void main(String[] args) {

        String SelectWord = RandomSelectWord();


        System.out.println(" WORD : " + SelectWord);


        GuessingGame(SelectWord);


    }



    public static String RandomSelectWord() {
        Dictionary dict = new Dictionary("dictionary.txt");

        int numWords = dict.GetNumWords();
        // pick a random number between 0 and numWords-1
        int randomIndex = (int) (Math.random() * numWords);
        // get the word at the random index, minimum length 5
letters
        String word = dict.GetWordAt(randomIndex);
        while (word.length() < 5) {
            randomIndex = (int) (Math.random() * numWords);
            word = dict.GetWordAt(randomIndex);
        }
        return word;

    }



    public static void GuessingGame(String word) {
        System.out.println("I have picked a secret word. Try
to guess its letters!");
        boolean gameOver = false;

        int guessCount = 0;
        int corrcteNumber = 0;
        //display dashboard '---------'
        char[] displayWord = new char[word.length()];
        Arrays.fill(displayWord, '-');
```

```java
        String displayWordString = new String(displayWord);
        System.out.println(displayWordString);
        StringBuilder displayStringBuilder = new
StringBuilder(displayWordString);

//        game start
        while (!gameOver) {


            guessCount++;
            //get guess letter from user
            Scanner scanner = new Scanner(System.in);
            System.out.println("Guess > ");

            String guessLetter = scanner.nextLine();
            //convert input to lowercase
            guessLetter = guessLetter.toLowerCase();

            //check if guess letter is correct
            for (int i = 0; i < word.length(); i++) {


                if (guessLetter.equals(word.substring(i, i +
1))) {

                    displayStringBuilder.setCharAt(i,
guessLetter.charAt(0));

                    corrcteNumber += 1;
                }


            }
System.out.println(displayStringBuilder.toString());
            System.out.println();


            if (corrcteNumber == word.length()) {
                System.out.println(word);
                System.out.println("you got it in " +
guessCount + " guesses!");
                gameOver = true;
            }



        }


    }
}
```

output:

```
Run:    WordGuessingGame ×
  ▶   ✐   /Users/nancymacbook/Library/Java/JavaVirtualMachines/openjdk-20.0.2/Contents/Home/bin/java -javaagent:
  ⚙   ↑    .stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath /Users/nancymacbook/Desktop/Programming
  ■   ↓    WORD : thecae
  ◻   ↑    I have picked a secret word. Try to guess its letters!
  ⊡   ↓    ------
      ⤶    Guess >
  ▦   ⤓    e
  📌  🖨    --e--e
      🗑
            Guess >
            a
            --e-ae

            Guess >
            c
            --ecae

            Guess >
            s
            --ecae

            Guess >
            h
            -hecae

            Guess >
            t
            thecae

            thecae
            you got it in 6 guesses!

            Process finished with exit code 0
```