Answer on Question #63822- Programming & Computer Science - Java | JSP | JSF

Question

method shortestWord () that does not accept any parameter and return string these metode
should find the shortest word in sentence
please help me in me in my homewoork

Solution

```
public class Main {

    String sentence = ""; //input sentence
    String word = ""; // the word with the fewest of letters

    public static void main(String[] args) {
       Main main = new Main(); //
        main.sentence = "Wikipedia is a free online encyclopedia, created and edited by
volunteers around the world and hosted by the Wikimedia Foundation.";
        main.shortestWord();
        System.out.println(main.word);
    }

    public void shortestWord(){
        String[] strings = sentence.split(" "); // split sentence on words by spaces
        word = strings[0]; // assign a word with the fewest letters value of the first
element of the array of words in the sentence
        for (int i = 1; i < strings.length; i++){ // find word with fewer of letters
            if (word.length() > strings[i].length()){ // if found then assign a new value
                word = strings[i];
            }
        }
    }
}
```

Answer

Input search word and sentence are members of the class, and we can access them with method
shortestWord().