

## Class Driver08

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```
import java.util.*;
import java.io.*;
import javax.swing.JOptionPane;
/**
 * Driver08 is dictionary lab
 *
 * @author      Nathan Chen
 * @version     2-28-19
 * @period      2
 * @teacher     Coglianese
 */
public class Driver08
{
    //Instance variables
    private static Scanner infile;

    /**
     * Main executes when program starts
     *
     * @param args      Ignore
     */
    public static void main(String[] args){
        try{
            infile = new Scanner(new File("words.txt"));
        }
        catch(FileNotFoundException e){
            JOptionPane.showMessageDialog(null,"Couldn't find words.txt");
        }
        int numItems = infile.nextInt();
        String[] wordlist = new String[numItems];
        for(int i=0; i<numItems; i++){
            wordlist[i]=infile.next();
        }
        while(true){
            String myWord = JOptionPane.showInputDialog("Word? (Type -1 to quit:)");
            if(myWord==null){
                break;
            }
            if(myWord.equals("-1")){
                break;
            }
            int check=-1;
            for(int i=0;i<numItems;i++){
                if(myWord.equalsIgnoreCase(wordlist[i])){
                    check=i;
                    break;
                }
            }
        }
    }
}
```

**Class Driver08 (continued)****2/2**

```
if(check!=-1){  
    System.out.println("Yes, \\""+myWord+"\\" is a word, #"+check);  
}  
else{  
    System.out.println("No, \\""+myWord+"\\" is not a word");  
}  
}  
}  
}
```