

```
package com.itbulls.learnit.javacore.string.hw;
```

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

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

```
public class SplitWords {
```

```
    public static void main(String[] args) {
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.print("Please, enter any text: ");
```

```
        String userInput = sc.nextLine();
```

```
        System.out.print("You entered these words: ");
```

```
        System.out.println(Arrays.toString(userInput.split("[\\p{P}\\s]+"))); // POSIX  
character classes
```

```
        /*
```

```
        \\p{Lower}  A lower-case alphabetic character: [a-z]
```

```
        \\p{Upper}  An upper-case alphabetic character:[A-Z]
```

```
        \\p{ASCII}  All ASCII:[\\x00-\\x7F]
```

```
        \\p{Alpha}  An alphabetic character:[\\p{Lower}\\p{Upper}]
```

```
        \\p{Digit}  A decimal digit: [0-9]
```

```
        \\p{Alnum}  An alphanumeric character:[\\p{Alpha}\\p{Digit}]
```

```
        \\p{Punct}  Punctuation: One of !"#$%&'()*+,-./:;<=>?@[\\]^_`{|}~
```

```
        \\p{Graph}  A visible character: [\\p{Alnum}\\p{Punct}]
```

```
        \\p{Print}  A printable character: [\\p{Graph}\\x20]
```

```
        \\p{Blank}  A space or a tab: [ \\t]
```

```
        \\p{Cntrl}  A control character: [\\x00-\\x1F\\x7F]
```

```
        \\p{XDigit} A hexadecimal digit: [0-9a-fA-F]
```

```
        \\p{Space}  A whitespace character: [ \\t\\n\\x0B\\f\\r]
```

```
        */
```

}

}