

# Exercise 17 Answers

## Constants

| Name                        | Description  | Type             |
|-----------------------------|--|------------------|
| <b>exclamationResponses</b> | Responses for when the user's line ends with an exclamation point. | Array of strings |
| <b>genericResponses</b>     | Responses to use when there is no better option .                  | Array of strings |
| <b>povSwitches</b>          | Mapping between first person and second person words               | Object           |
| <b>questionResponses</b>    | Responses for when the user's line ends with a question mark.      | Array of strings |
| <b>questionStarts</b>       | First few words of a question                                      | Array of strings |

## Functions

### **createQuestion(patientLine)**

Returns a question based on the patient's line.

#### **Parameters:**

- **patientLine**  
Type: String  
Patient's text to respond to

#### **Returns:**

Type: String  
Question based on the patient's line

### **lastChar(myString)**

Returns the last character in a string.

#### **Parameters:**

- **myString**  
Type: String  
String to return last character for

#### **Returns:**

Type: String  
Last character of the string

### **randomElement(myArray)**

Returns a random element of an array

#### **Parameters:**

- **myArray**  
Type: Array  
Array with one or more elements

#### **Returns:**

Type: Whatever is in the array  
Random element from the array

## Enumeration

| Property Name      | Description   | Value |
|--------------------|---|-------|
| <b>Generic</b>     | Generic answer that does not make use of the patient response   | 0     |
| <b>Question</b>    | Answer to a question  | 1     |
| <b>Exclamation</b> | Answer to a patient response that ends with an exclamation point  | 2     |
| <b>PointOfView</b> | Answer that makes use of the patient response by switching the point of view from first person to second person | 3     |