Theodore Kluge

Mr. LaRocca

AP Computer Science

9 October 2014

Magpie Questions

*Activity 2*

My mother and I talked last night.

Tell me more about your family.

I said no!

Why so negative?

The weather is nice.

Do you really think so?

Do you know my brother?

Why so negative?

If more than one keyword appears in a string, the program will respond with whatever response it read first. To prioritize the keywords, you would need to check the index of each of the keywords.

If a keyword is part of another word, it will respond with the response matching that word. So ‘north’ would be the same as ‘no’.

*Activity 3*

If the substring is not in the string, indexOf() returns -1.

indexOf(String param1, int param2) starts searching for param1 at index of param2

‘She's my sister’ returns

|  |  |  |
| --- | --- | --- |
| psn = 9 | Before = ‘ ‘ | After = ‘ ‘ |

‘Brother Tom is helpful’ returns

|  |  |  |
| --- | --- | --- |
| psn = 0 | Before = ‘ ‘ | After = ‘ ‘ |

‘I can't catch wild cats’ returns

|  |  |  |
| --- | --- | --- |
| psn = 6 | before = 'r' | after = ' ' |
| psn = 15 | before = 'o' | after = '’' |
| psn = 21 | before = ' ' | after = ' ' |

‘I know nothing about snow plows’ searching for ‘no’ returns:

|  |  |  |
| --- | --- | --- |
| psn = 3 | before = 'k' | after = 'w' |
| psn = 7 | before = ' ' | after = 't' |
| psn = 22 | before = 's' | after = 'w' |
| psn = 6 | before = 'r' | after = ' ' |
| psn = 15 | before = 'o' | after = ''' |
| psn = 21 | before = ' ' | after = ' ' |

*Activity 4*

I want to build a robot.

What would it mean to build a robot?

I want to understand French.

What would it mean to understand French?

Do you like me?

What makes you think that I like you?

You confuse me.

What makes you think that I confuse you?

If I input ‘I me’ it returns ‘Why do you me’. This can be fixed by checking to see if the word in between is blank or not.