This assignment only needs to be completed by students intending to complete Track B.

PIC 16, Winter 2018 – Assignment 7W

Assigned 2/21/2018. Interaction model (including intent schema, custom slot type definitions (if any), and sample utterances in a single `.txt` file) and cloud-based service Python code (a single `.py` file) due by the end of class 2/26/2018 on CCLE. Hand in a printout of this document with the self-assessment portion completed by the end of class on 2/26/2018.

In this assignment, you will create a simple Alexa skill. You can either satisfy the requirements below or design and create your own skill. (*For the latter, you will need to work out the assessment details with me either in class or office hours.*)

Task

Follow Tutorial 7W and complete the customizations suggested in Slides 36-40.

Self-Assessment

Change the invocation name of your skill to "simple skill". Test your skill on echosim.io with the following commands and mark each test that is successful. (If you have decided against signing up for an AWS account and thus cannot test your skill using echosim.io or an Alexa-enabled device, consult with me about how to test your skill.)

- You: *Alexa, open Simple Skill*
  Alexa: *Hello world*
- You: *Alexa, open Simple Skill*
  Alexa: *Hello world*
  You: *Alexa, ask Simple Skill for help*
  Alexa: <replies with a help message or indicates that no help is available>
- You: *Alexa, ask Simple Skill for a random number*
  Alexa: <replies with a random number between 1 and 10; number changes with multiple trials>
- You: *Alexa, ask Simple Skill for a random number between twenty and thirty*
  Alexa: <replies with a random number between 20 and 30; number changes with multiple trials>
- You: *Alexa, ask Simple Skill for a random number between **blerg** and zero*
  Alexa: *Zero* <every time, assuming zero is the lower default>
- You: *Alexa, ask Simple Skill for a random number between ten and **blerg***
  Alexa: *Ten* <every time, assuming ten is the upper default>
- You: *Alexa, ask Simple Skill to add ten and thirty*
  Alexa: *Forty*
- You: *Alexa, ask Simple Skill to multiply ten and thirty*
  Alexa: *Three hundred*
- You: *Alexa, ask Simple Skill to add 31 and **blerg***
  Alexa: <indicates that she didn't catch the second number, prompts for repeat>
  You: *Twelve*
  Alexa: *Forty Three*
- You: *Alexa, ask Simple Skill to multiply **blerg** and twenty*
  Alexa: <indicates that she didn't catch the second number, prompts for repeat>
  You: *Eleven*
  Alexa: *Two hundred twenty*

  Give yourself 10 points for each successful test and indicate the total: _____