

## IDSN 542: Machine Intelligence

### Lab 1

Due: Sunday, 8/31, 11:59pm

### Goal

In this lab you will create a story to achieve:

- Familiarity with variables
- Understanding of Python input and output
- Gain experience with use of if/elif/else blocks

### Setup

- Create a Python file called **lab1.py**.
- Your **lab1.py** file must begin with comments in the following format (replace the name and email with your actual information):

```
'''
Name
IDSN 542, Fall 2025
Your USC email
Lab 1
'''
```

### Requirements

Write a program that simulates ordering food from a wait person. Your “wait program” tells you the four specials for the day – you get to decide what they are. Once a particular special is chosen, the wait program tells you the three food options for that special. The three food options must be different for each special. The user gets to choose one of those food options. After choosing a food option, print out the user’s choices for their special and their food option.

### Deliverables

1. A compressed folder containing **lab1.py**, named **lab1**. This can be done by:
  - a. WINDOWS:
    - i. Select all your files
    - ii. Right click
    - iii. Send to ->
    - iv. Compressed (zipped) folder
    - v. Submit this zipped folder to Brightspace
  - b. OSX:
    - i. Select all your files
    - ii. Right click
    - iii. Compress items
    - iv. Submit this zipped folder to Brightspace