

# PSYCH 420 - Introduction to Computational Modelling for Psychology

## Assignment 1

### Meta

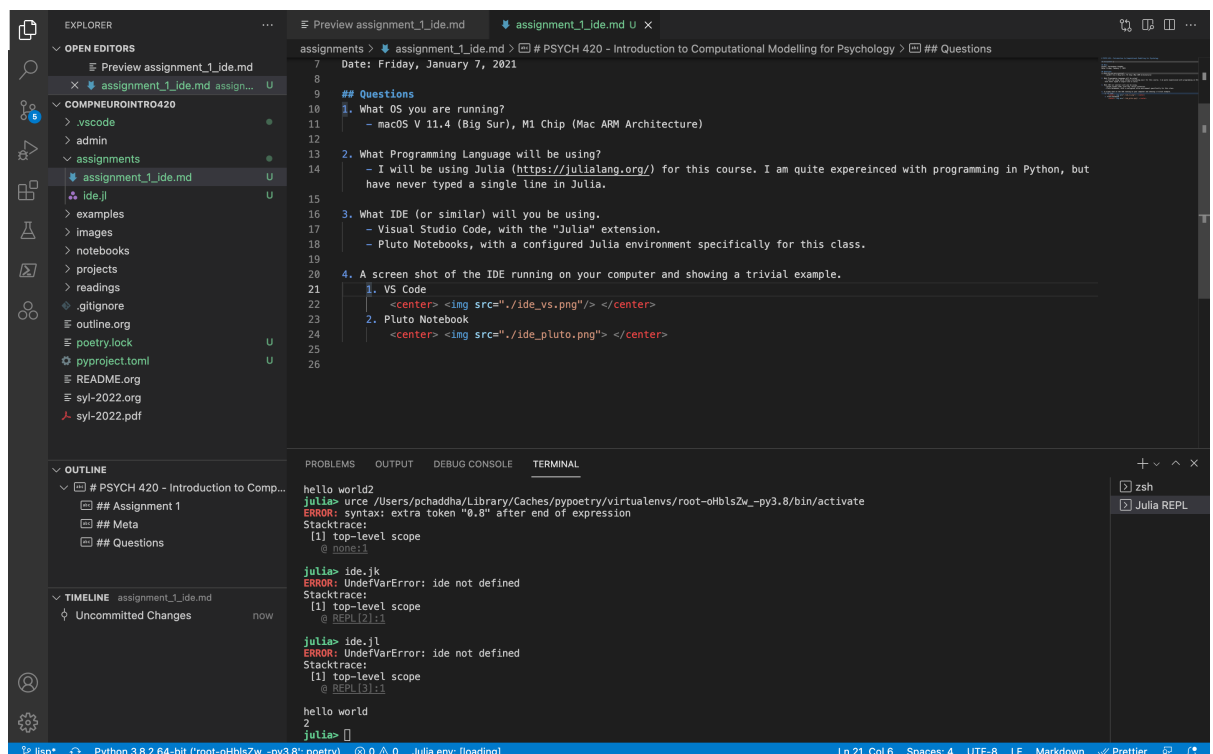
Author: Parmandeep Chaddha

Date: Friday, January 7, 2021

### Questions

1. What OS you are running?
  - macOS V 11.4 (Big Sur), M1 Chip (Mac ARM Architecture)
2. What Programming Language will be using?
  - I will be using Julia (<https://julialang.org/>) for this course. I am quite experienced with programming in Python, but have never typed a single line in Julia.
3. What IDE (or similar) will you be using.
  - Visual Studio Code, with the "Julia" extension.
  - Pluto Notebooks, with a configured Julia environment specifically for this class.
4. A screen shot of the IDE running on your computer and showing a trivial example.

#### 1. VS Code



#### 2. Pluto Notebook See next page.

# Pluto Interactive Notebook

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## Meta

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- `using Pkg`
- `Pkg.activate("Project.toml")`
- `Pkg.status()`

## Some Beginner Code

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- `1 + 1`
- `using VegaLite`
- `using Random`
- `using DataFrames`

`vals =`

`[0.993708, 0.0364303, 0.446926, 0.375786, 0.974128, 0.0385095, 0.745539, 0.921285, 0.7393]`

- `vals = rand(1000);`

df =

random_values	
1	0.993708
2	0.0364303
3	0.446926
4	0.375786
5	0.974128
6	0.0385095
7	0.745539
8	0.921285
9	0.739387
10	0.962753
more	
1000	0.826576

• df = DataFrame(random\_values=vals)