JAMES HARDY CS\_521

Python final project psudocode / use cases:

Takes users height, weight, and activity level in a prompt

Performs BMI calculation, and prints a message about their health

(that will satisfy containers, iterations, input, try / except)

If BMI is ‘high’

Print a message encouraging them to exercise more and consume less calories. Make suggestions for diet

If BMI is ‘med’

Print message encouraging them to continue to improve. Make suggestions for diet.

If BMI is ‘low’

Print message encouraging them to take in more calories; make sure to get enough nutrients.

(that will satisfy conditionals and user defined functions)

Classes: information packets that hold the info about high activity / low activity messages / measurements. Classes do not have to be physical pbject

Class fitnessStatus(object)

Class DoingGreat(fitnessStatus) – child classes have separate things; give each one a range

Class DoingOkay(fitnessStatus)

Class NeedsImprovement(fitnessStatus) – certain methods that say record more exercise; attributes; suggestions

Ask about: I/O file implementation, general requirements of complexity. – recorfing into a file; or store definitions in a CSV file. Run program, take file and use those.