**Week 1 Recap Sheet**

1. Circle the valid variable names?

Hello

one

6\_sides

oneMoreStep

a

testing

turn\_me\_over

fast!faster

\_angle

\_\_size\_\_

\_\_\_name\_\_\_

print

**2) Place a cross next to any of the above that are not recommended variable names?**

**3) Enter the type of the resulting variable... check them in the interactive console / Idle**

a = 4

pi = 3.14

ninety = 90

name = “Andy”

age = 10e10

ready = True

**4) Given:**

a = 5

b = 14

c = 3.0

d = 11.5

**What is the result (answer) and type of these operations?**

a + b

a + c

a \* c

b / a

b % a

b // a

c / d

c \* d

**5) Given string a = “abc”** print out “abcabcabcabc”

**6) Given**

text = “the quick brown fox jumped over the lazy dog”

**6a) Evaluate the following**

text[0]

text[3]

**6b) using slicing**

extract the word “brown”

extract the first 10 characters

extract the word “dog”

**6c) count the occurrences of “the” in text**

**6d) display text to uppercase**

**6e) display text as title case**

**7) Extension Task:**

**7a) Given**

text = “the quick brown fox jumped over the lazy dog”

replace the “ “ characters with “#”

7b) how many other ways can you identify to do this task?