**Name:**

**ID:**

**M3 Assignment 04**

Use the following book as a reference to answer the following questions: <http://runestone.academy/runestone/books/published/thinkcspy/SimplePythonData/intro-VariablesExpressionsandStatements.html>

1. How can you determine the type of a variable? (**2.2**):
2. What are the 3 enclosures for a string? (**2.2**):
3. How can I convert the floating point number *143.7* into a string (**2.3**)?
4. What is the data type of 143, how can I convert it into a floating point number (**2.3**)?
5. What is a variable and what is the operator used to create one (**2.4**)?
6. When creating a variable, does the value go on the left hand side or right hand side of the operator (**2.4**)?
7. List 5 python keywords (**2.5**):
8. Create a valid variable name and assign it a value (**2.5**):
9. What symbol is allowed to appear in variable names (**2.5**)?
10. What is the output of the following: *print(len(“abcde”))* (**2.6**)?
11. What are the operators and operands in the following expression (**2.7**)?

1 + 2 \*\* 2

1. What is the output of the following expression? What is the operator called and what is it’s purpose **(2.7)**?

*print( 44 % 2 )*

1. What built in Python function allows the user to input information into a Python program **(2.8)**?
2. What is the output of the following **(2.9)?**

*print(2+2\*\*3+1)*

1. What is reassignment **(2.10)**?