**Student Questions:**

A resource for Python Style guidelines mal be found here:

[https://www.python.org/dev/peps/pep-0008/#naming-conventions](https://www.python.org/dev/peps/pep-0008/)

1. Identify which of the following are valid Python variable names (even if they do not follow the mixedCase style guidelines).

|  |  |
| --- | --- |
|  | True / False |
| StudentNumber | T |
| 5thRow | T |
| else | F |
| break | F |
| Row\_5 | T |

1. Identify which of the following are valid Python variable names that also follow the mixedCase style guidelines.

|  |  |
| --- | --- |
|  | True / False |
| StudentNumber | F |
| studentNumber | T |
| row | T |
| row5 | T |
| Row5 | F |

1. Summarize the difference between a *syntax error* and a *run-time* error.

Syntax errors deal with typos

Run-Time errors phython understands but can’t work with due to a lack of numbers or defined variables

1. Write an expression that calculates the cost of 6 slices of pizza at 2 dollars a slice assigns the result to a variable in RAM memory. Use proper style and meaningful names for your variables.

CostOfPizza2\*6

1. Write an expression that calculates the cost of a variable number slices of pizza at 2 dollars a slice assigns the result to a variable in RAM memory. Use proper style and meaningful names for your variables.

costOfPizza = 2 \* 6

1. Write a program that gets the number of slices from the console input, uses your expression in #5 above, and prints out the result to the console output. Use proper style and meaningful names for your variables and meaningful messages for your input and print commands.

pizza = 2

print (“Cost:”, pizza \* 6)

1. Extend your program in #6 above to also calculate and print out the number of boxes of pizza if each box contains 8 slices.

pizza = 12

box = 8

print (“Boxes needed:”, pizza / 8)