**Presentation Notes:**

Slide 2: Python Data Types

1. List the 5 basic Python data types and the result of the sample program.

-int For whole numbers

-float For decimal numbers

-bool For true/False decisons

-str For text messages

-list For collections of related items

Slide 3: Float Variable Type

1. List the purpose and features of the float data type.  
   The purpose of a float data type is for numbers with decimal points, having unlimited sizes, and processing is slower and less effecient
2. List 2 differences between a float and an int.  
   Int is for whole numbers and float is for decimal numbers.

Ints are very fast and float is not as fast.

Slide 4: Float Operators

1. List the purpose and provide an example of the “int()” operator.
2. List the purpose and provide an example of the “float()” operator.

Slide 5: Modulus Operator

1. List the two results produced by division.  
   3

1

1. List the purpose and provide an example of the “%” operator.

Slide 6: Python Control using Floats

1. Do floats change the way IF statements and WHILE loops work?  
   IF statements and WHILE statements work the same
2. Was the result of the sample program unexpected? Explain your answer.

It was expected because it said 1.0 is equal to 1 which makes sense