**What is Python? Pre-Assessment**

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| **Directions** |
| Answer the following questions the best you can. You are not expected to know the answers, and this assignment will not be graded. |

1. Sonya wants to write a program to pack her suitcase automatically. Describe how Sonya should use for/while loops and/or if/else statements to write code for the following:
	1. Packing a number shirts (**num\_shirts**) into her suitcase.
	2. Packing a number pairs of pants (**num\_pants)** *if* the temperature is less than 50 degrees, otherwise packing a number pairs of shorts (**num\_shorts)**.
2. Why might a computer need to organize variables/objects into specific data types/categories?