1. Mention 12 uses or application of Python programming and which is your favorite use?

Ans: Web development

Game development

Scientific and numeric applications

Artificial intelligence and machine learning

Software development

Desktop

Enterprise: level/business applications

Education programs and training courses

Language development

Operating systems

Image processing and graphic design applications

Web scraping applications

2. What keyword tells Python to display something on the screen?

Ans: We use the print to display something on the screen

3. Complete the line of code to tell Python to display the name of the oval object laid by a hen. (1 word, lower-case).

Print\_\_('egg")

Because of the quotation marks, Python identifies the greeting

"Hello, World!" as a string (1 word, lowercase).

Because there are no quotation marks, Python identifies the set of characters below as a variables.

computer\_science

Type the illegal character in the variable name below.

2nd\_runner\_up

What is the value of total?

number = 10

total = number + 2

Ans: total = +2

Rewrite this so total equals 10.

= "4" + 6

Ans: total = 4 + 6

What is the value of third\_number?

first\_number = 5

second\_number = 6

third\_number = first\_number \* second\_number

Ans: third number = 30

Type the illegal character in this variable name:

fourth-Player

Ans: 4th player

Rewrite below variable name using the recommended style:

Customer lastname

Ans: Customer\_last\_name

Code the shorthand version of the following statement:

total = total + 5

Type the modulo operator Ans= %

What is the value of total\_cost?

total\_cost = 1 + (3 \* 4) Ans= total\_cost = 13