



Name:

Grade / Section:

Date:

1st Semester 2022/ 2023

Important Notes:

- The print () function is used to get the output. This function is used to display the specified message or value in the console.
- All commands must be in small letter.
- Variable name must
 - a) start with a letter or the underscore character
 - b) Be one word only - no space
 - c) no special characters like (+-\$@/...)
 - d) underscore and letters are allowed
- Variable names are case-sensitive (age, Age and AGE are three different variables)
- Data types:
 - a) Text is stored as **string** data type.
 - b) Whole numbers are stored as **integer** data type.
 - c) Numbers with decimal point are stored as **float** data type.

Question #1: Write a code to do the following:

a- Create an empty list called **Teamlist**

b- Colorlist = ["red","green","blue"]

add a new color "orange" to the end of the list

c- Colorlist = ["red","green","blue"]

print the colorlist

d- Teamlist = []

get a name from the user

e- **Trees** = ["oak", "beech", "willow"]

change "beech" to "pine".

f- Goals = ["pass exam", "help in shop", "buy trainers"]

Print the first element

g- Goals = ["pass exam", "help in shop", "buy trainers"]

Delete the second element

h- Goals = ["pass exam", "help in shop", "buy trainers"]

Delete element (help in shop) **use the command remove**

i- Goals = ["pass exam", "help in shop", "buy trainers"]

Goals [4] = "buy a car"

This causes an error. Explain why?

Question #2: What is the meaning of the following symbols

!=	
==	
#	
\n	

Question #3: What is the output of the following:

<u>1</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] print(len(Jordan))</pre>	
<u>2</u>	<pre>Jordan=[" amman, Madaba, Aqaba"] print(len(Jordan))</pre>	
<u>3</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] print(len("Jordan"))</pre>	
<u>4</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] print(Jordan)</pre>	
<u>5</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] print("Jordan")</pre>	
<u>6</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] Jordan.append("Karak") print(Jordan)</pre>	
<u>7</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] del(Jordan[1]) print(Jordan)</pre>	
<u>8</u>	<pre>Jordan=["amman", "Madaba", "Aqaba"] Jordan[2]="Karak" print(Jordan)</pre>	
<u>9-</u>	<pre>fruit=["orange", "Apple", "Kiwi"] fruit.sort() print(fruit)</pre>	