

Python Beginners Week 6 HW

Question 1

In your own words explain what a Python List is.

Question 2

What does the following print to the console?

```
# My Python Code
ages = [12, 13, 10, 9, 10, 12]
print(ages[1])
print(ages[-1])
print(ages[2:5])
```

Question 3

Below is a python list containing the heights of 5 students in your class. You are told that there will be 3 new students. The first new student has a height of 130, the second has a height of 120 and the third student has a height of 125. You are also told that the first student which has a height of 200 is leaving the class so his height needs to be removed from the list. Write Python code to make edits to the list to reflect the changes to the class. Note you must use the append and del functions.

```
# Here is the list of heights
class_heights = [200, 135, 131, 140, 123]
```

Question 4

What is wrong with the following code?

```
grades = ["A", "B+", "C"]
grades[3] = "C-"
print(grades[0] + 100)
```