i>clicker

Session 6
1. What does the following Python code fragment produce?

```python
num = 4
for index in range(num):
    print(num+1, end=' ')
```

A. 5 5 5 5 5
B. 0, 1, 2, 3
C. 5, 5, 5, 5
D. There is an error in the code.
E. None of the above.
2. What can we say about these 2 variables in this Python code fragment:

```python
name1 = "Mike"
name2 = "Mike"
```

A. They contain the same value.
B. They are immutable.
C. If I execute this `name2 += "?"`, after the above 2 statements, the value of `name2` has changed and `name2` has now been allocated a new memory location.

D. All of the above
E. None of the above
3. What can we say about these 2 variables in a Python code fragment:

```python
address1 = [23, "B Street", "Vancouver", "V4D 1T4"]
address2 = address1
```

A. They contain the same value, but in different memory locations.
B. They refer to the same memory location. 
   We say that `address2` is an alias of `address1`.
C. If `address2` is changed, `address1` is not.
D. There is an error in the code.
E. None of the above.