Python for NLP

Assignment 3 – Advanced Python

For each of the following questions, provide the 1-2 PEP8 guidelines that they are missing, there is one example amongst these that has NO errors as well.

Possible options: Naming Convention, Whitespace, Import, Indentation, Blank Space (enters), No Error

Question 1:

A)
```python
def myfunction( arg1,arg2):
    return arg1+arg2
```

B)
```python
import numpy, pandas, os
```

Question 2:

A)
```python
x=10
y=20
z=30
```

B)
```python
def my_function():
    # Some code here
return result
```

Question 3:

A)
```python
def my_function():
    # Some code here
return result
```

B)
```python
#This function performs a calculation
def calculateResult(arg1,arg2):
    return arg1 * arg2
```

Question 4:

A)
```python
if(x>10 and y<20):
    print("Condition met")
```

B)
```python
def my_function():
    # Step 1
    do_something()

    # Step 2
    do_something_else()
```

Question 5:

A)
```python
class MyClass:
    def __init__(self):
        self.attribute = 10

    def method_one(self):
        pass
    def method_two(self):
        pass
```

B)
```python
# This function calculates the result
def calculateResult(arg1, arg2):
    return arg1 + arg2
```

Bonus:

A) What is the difference between a Linter and an Autoformatter?

B) Try out one of these options and give a 3-4 sentence opinion on the item.