Practical 7: Implementing coding practices in Python using PEP8.

1. Adding space between there is more than one operator in a statement.

```
*pep8.py - C:\Users\aakash\Desktop\practicals\IT TOOLS\pep8.py (3.9.4)*          —    □    ✕
File  Edit  Format  Run  Options  Window  Help
#recommended

b = a**3 + 5
c = (a+b) * (a-b)


#not recommended
b = a ** 3 + 5
c = (a + b) * (a - b)
```

2. Methods for following line breaks.

```
*pep8.py - C:\Users\aakash\Desktop\practicals\IT TOOLS\pep8.py (3.9.4)*          —    □    ✕
File  Edit  Format  Run  Options  Window  Help
#recommended

x = 10
if (x < 15 and
    x >5):
      # Both the conditions satisfied
    print(x)

#not recommended

x = 10
if (x < 15 and
        x > 15):
    print(x)
```

3. Inline comments

```
*pep8.py - C:\Users\aakash\Desktop\practicals\IT TOOLS\pep8.py (3.9.4)*          —    □    ✕
File  Edit  Format  Run  Options  Window  Help
x = 8          # This is an inline comments

x = 'Kiran Kidecha'     #student name
```

4. Should a line break before or after binary operator

```
*pep8.py - C:\Users\aakash\Desktop\practicals\IT TOOLS\pep8.py (3.9.4)*          —   □   ✕
File  Edit  Format  Run  Options  Window  Help
#recommended

total = (first_variable
        + second_variable
        - third_variable)

#not recommended
total = (first_variable +
        second_variable -
        third_variable)
```

5. Between a trailing comma and a closing parenthesis

```
*pep8.py - C:\Users\aakash\Desktop\practicals\IT TOOLS\pep8.py (3.9.4)*          —   □   ✕
File  Edit  Format  Run  Options  Window  Help
#recommended

tuple = (1,)

#not recommended
tuple = (1, )
```