

NAME : DEV ASHOK SANGHVI

ROLL :- FYIT-73

Practical no. 7 :

Implementing coding practices in Python using PEP8.

1.Should a line break before or after a binary operator :

#WRONG

```
Eqn=(36+  
      43-  
      98)
```

#RIGHT

```
Eqn=(36  
      +43  
      -98)
```

2.Where to use closing braces :

#Not Reccommeded

```
list Of numbers=[1,2,3  
                  4,5,6  
                  7,8,9]
```

#Recommended

```
list_of_numbers=[  
    1,2,3  
    4,5,6  
    7,8,9  
]  
list_of_numbers=[  
    1,2,3  
    4,5,6  
    7,8,9  
]
```

3.Whitespaces in expression and statements :

Recommended

```
y = x**2 + 6  
z = (x+y) * (x-y)
```

Not recommended

```
y = x ** 2 + 6  
z = (x + y) * (x - y)
```

4. Comments :

Inline comment :

```
x= x+1 #This is inline comment
```

Block comment :

```
#This is block comment  
#These comments often cover multiple lines  
x= x+1
```

5. Indentation :



The screenshot shows a Python IDE with two code snippets. The first snippet contains a syntax error: a `return` statement is placed outside a function definition. The IDE highlights this with a red error message: `SyntaxError: 'return' outside function`. Below the error, there is a button that says `SEARCH STACK OVERFLOW`. The second snippet shows the corrected code, where the `return` statement is properly indented within the function definition. The output of the corrected code is `Happy Birthday`.

```
def wish():  
    print("Happy Birthday")  
return  
wish()
```

File "`<ipython-input-2-8c52ddc81b56>`", line 3
return
SyntaxError: 'return' outside function
SEARCH STACK OVERFLOW

```
def wish():  
    print("Happy Birthday")  
    return  
wish()
```

Happy Birthday