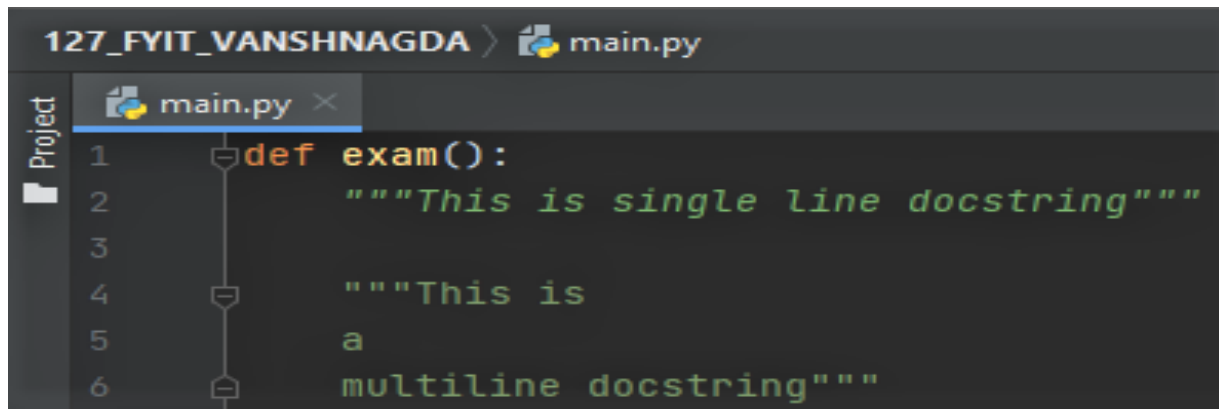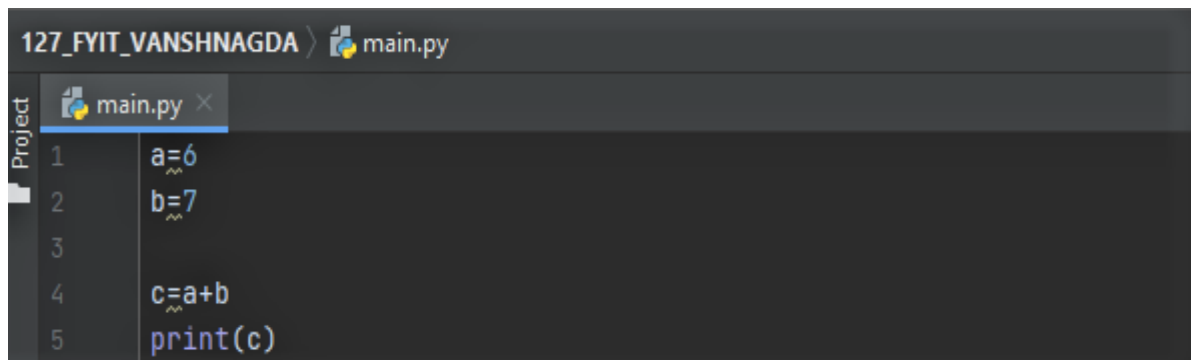NAME: VANSH NAGDA
ROLL NO: 127   CLASS: FYIT

Practical 7 : Implementing coding practices in Python using PEP8.

1. Use docstrings : There are both single and multi-line docstrings that can be used in Python. However, the single line comment fits in one line, triple quotes are used in both cases. These are used to define a particular program or define a particular function.


```python
def exam():
    """This is single line docstring"""

    """This is
    a
    multiline docstring"""
```

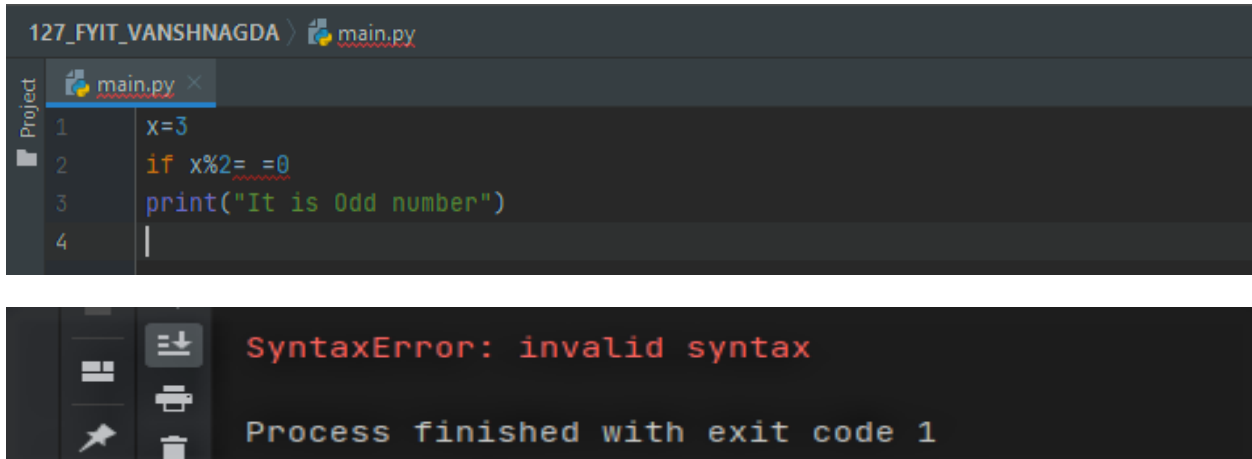**2. Use spaces around operators and after commas, but not directly inside bracketing constructs:**


```python
a=6
b=7

c=a+b
print(c)
```

3. Expected an indented block: Indentation is extremely important in python. The indentation level of lines of code in python determines how statements are grouped together.
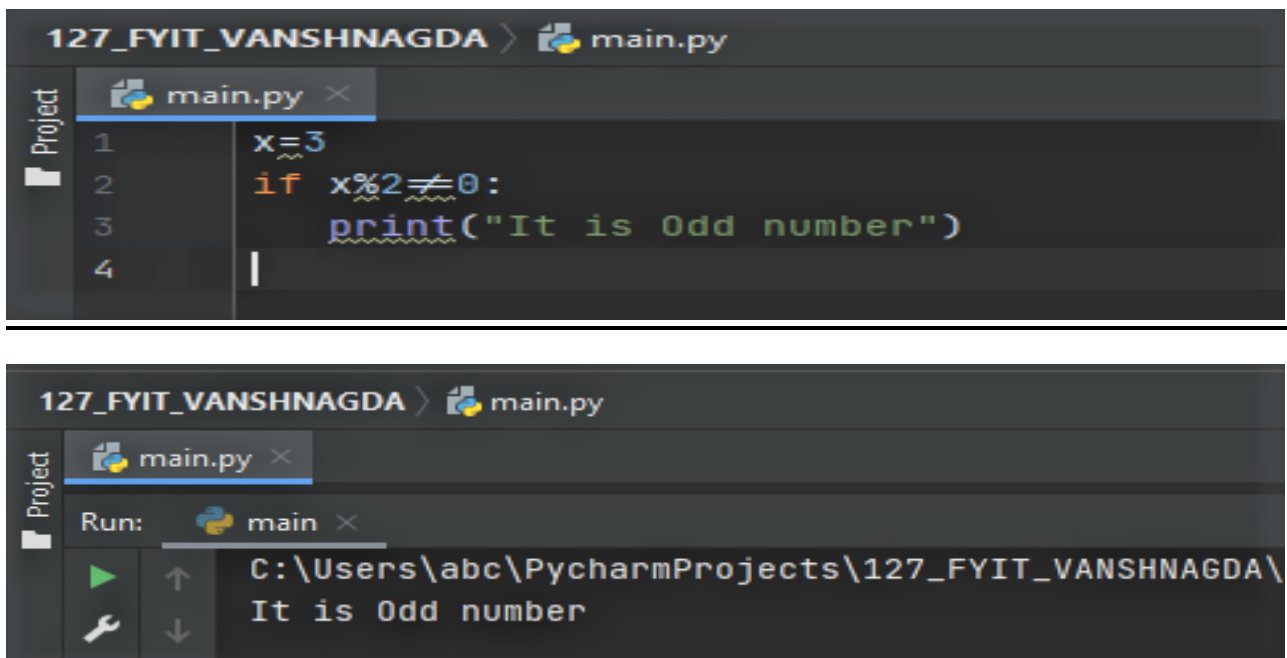
Incorrect:

```
127_FYIT_VANSHNAGDA  main.py
  main.py ×
1     x=3
2     if x%2= =0
3     print("It is Odd number")
4     |
```

```
SyntaxError: invalid syntax

Process finished with exit code 1
```

Correct :

```
127_FYIT_VANSHNAGDA  main.py
  main.py ×
1     x=3
2     if x%2≠0:
3         print("It is Odd number")
4     |
```
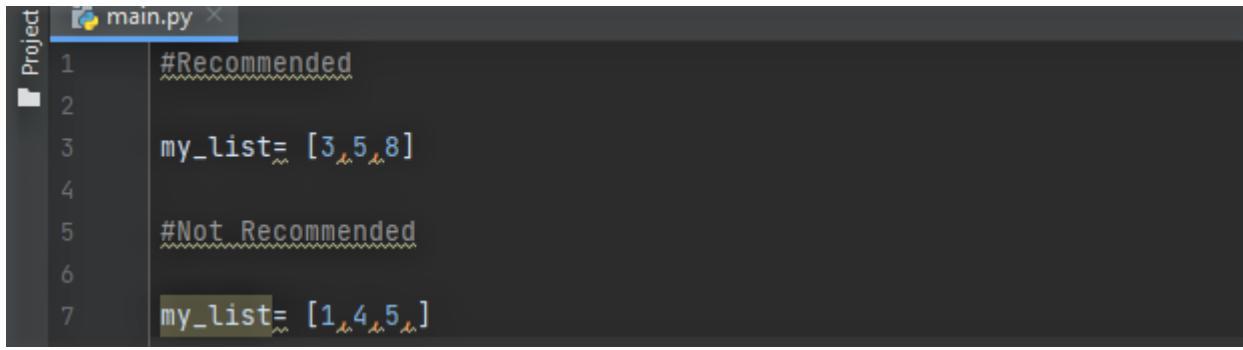
```
127_FYIT_VANSHNAGDA  main.py
  main.py ×
Run:    main ×
    ►    C:\Users\abc\PycharmProjects\127_FYIT_VANSHNAGDA\
         It is Odd number
```
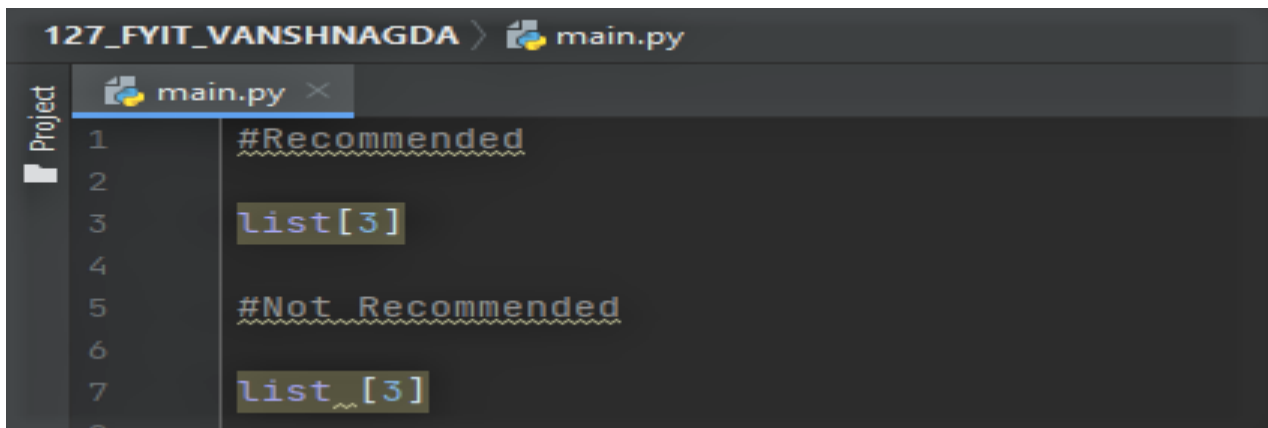
4. Where to avoid white space:

```
main.py ×
1     #Recommended
2
3     my_list= [3,5,8]
4
5     #Not Recommended
6
7     my_list= [1,4,5,]
```

5. Before open Bracket that starts an index or slice:

```
127_FYIT_VANSHNAGDA  main.py
main.py ×
1     #Recommended
2
3     list[3]
4
5     #Not Recommended
6
7     list [3]
```

PRACTICAL 8: PRESENTATION

UNIFIED COMMUNICATION