Python Lab-1

Q1. Write a program in python to print 'hello world'.

Sol. print ("hello world")

```
======= RESTART: C:/Users/narut/Desktop/New folder/Assignment1.py =======
hello world
>>>
```

Q2. Write a program in python describe local variable and global variable code.

Sol. x = 10

y = 20

z = x + y

print("The Local Variable sum is:", z)

```
======= RESTART: C:/Users/narut/Desktop/New folder/Assignment1.py =======
The Local Variable sum is: 30
>>>
```

Global Variable

global_var = 100

x = 10

y = 20

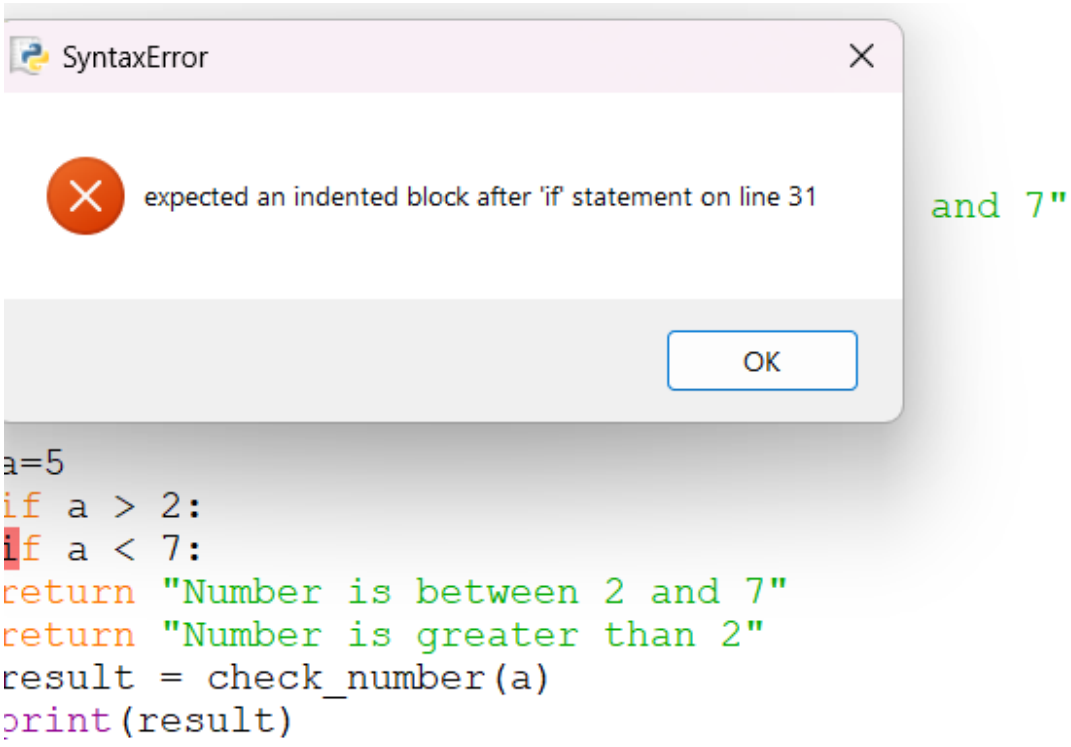
z = x + y + global_var

print("The sum is:", z)

```
======= RESTART: C:/Users/narut/Desktop/New folder/Assignment1.py =======
The sum is: 130
>>>
```

Q3. Write a program in python that describe Indentation error.

```
a=5
if a > 2:
if a < 7:
return "Number is between 2 and 7"
return "Number is greater than 2"
result = check_number(a)
print(result)
```



Q4. write a code that describe local and global variable with same name.

```
x = "Global Variable"
if True:
    x = "Simulated Local Variable"
    print("Inside the block, x:", x)

print("Outside the block, x:", x)
```

```
======= RESTART: C:/Users/narut/Desktop/New folder/Assignment1.py =======
Inside the block, x: Simulated Local Variable
Outside the block, x: Simulated Local Variable
>>>
```

Q5: Write a code for string, int and float input

```
name = input("Enter your name: ")
age = int(input("Enter your age: "))
height = float(input("Enter your height in meters: "))
print("Name",name)
print("Age",age)
print("Height",height)
```

```
========== RESTART: C:/Users/narut/Desktop/New folder/Assignment1.py ==========
Enter your name: Ashu
Enter your age: 20
Enter your height in meters: 5.11
Name Ashu
Age 20
Height 5.11
>>>
```
