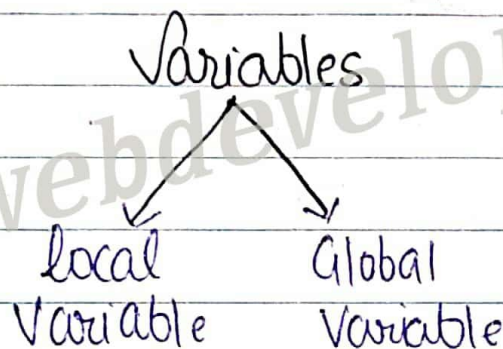


Notes by Ipwebdevelopers

* Scope and Lifetime of Variables :-

The scope of variable can either be local or global.

Scope refers to the visibility of variables and Lifetime refers to the duration for which the variable exists.



1. Local Variables :-

- Local variables are variables that are declared inside a method.
- Local variables are assessable only within the declared method or block and can not assessable outside that method or block.
- It can be accessed only within that function.

Example of Local Variable :-

```
def fun():  
    x = "jpwebdevelopers" # x is local variable  
    print(x)             # and cannot be  
fun()                    # calling fun.        assessable outside  
                           that function.
```

Output :- jpwebdevelopers

2. Global Variable :-

- If a variable is defined outside all the functions of a program then its scope is considered to be global.
- They are available through out the life time of a program.
- They can be accessed from any part of program.

Example of Global Variable :-

```
x = "jpwebdevelopers"  
def fun():  
    print(x) # calling variable 'x' inside fun()  
fun()  
print(x)    # calling variable 'x' outside fun()
```