Tuesday, July 15, 2025 10:40 PM  
Resulting output of run using the sys.\_getframe(2) code:

C:\Users\gideon\Python\_Projects\_A0\Project\_A01\_PyBasics\_2\.venv\Scripts\python.exe C:\Users\gideon\Python\_Projects\_A0\Project\_A01\_PyBasics\_2\.venv\Learn\_List\_Methods\_stripped\_01.py

(1): Using the Inspect module we can learn the line number in the main code

At current execution time it is Line Number 15

(2): We can also get the file path + name out of the frame info tuple, it is:

C:\Users\gideon\Python\_Projects\_A0\Project\_A01\_PyBasics\_2\.venv\Learn\_List\_Methods\_stripped\_01.py

(3): We can also get the name of the function we are inside, at moment it is none, we get <module>

(a): Using the Inspect module we can learn the line number in the caller"s code

At current execution time it is Line Number 33

(b): We can also get the file path + name out of the frame info tuple, it is:

C:\Users\gideon\Python\_Projects\_A0\Project\_A01\_PyBasics\_2\.venv\Learn\_List\_Methods\_stripped\_01.py

(c): We can also get the name of the function we are inside, at moment we get: get\_line\_numb\_info\_demo

(d): The gotten\_line\_numb func returned the following line number: 41

(X): We hit a debug brk(mssg) point at 49

(Y): PDB debugger commands: l=LIST, c=CONTINUE, pp var= PRETTYprint the specific var

(Z): Additional message is: used sys.getframe(2) and (dot)f\_lineno to corectly point to line of brk() !!!!

> c:\users\gideon\python\_projects\_a0\project\_a01\_pybasics\_2\.venv\learn\_list\_methods\_stripped\_01.py(11)brk()

-> breakpoint()

(Pdb)

^^^above Pdb prompt means Python debugger is running !!!