

## Pdb Module (Python Debugger)

pdb is a debugging tool that is part of python's standard library. It is an interactive source code debugger for Python programs. Using pdb, we can set breakpoints at any point of our program to stop it and check for errors or the status of our running program.

### Syntax:

```
import pdb;
```

### PDB Options:

```
l (list) - Display 11 lines around the current line.  
r (return) - Continue execution until the current function returns.  
b (break) - Set a breakpoint (depending on the argument provided).  
n (next) - Continue execution until the next line in the current  
function is reached.  
j (jump) - Jump to the next line to be executed.  
q (quit) Quit from the debugger. The program being executed is  
aborted.
```

Open run command, enter cmd

```
C:\cd desktop  
C:\desktop\ notepad Hello.py  
write required Python script, save it..!!  
C:\desktop\python Hello.py  
C:\desktop\python -m pdb Hello.py (m=> Module=> PythonProgram)
```