What is import socket in python?

**Socket** programming is a way of connecting two nodes on a network to communicate with each other. One **socket**(node) listens on a particular port at an IP, while other **socket** reaches out to the other to form a connection. ... **Socket** programming is started by **importing** the **socket** library and making a simple **socket**.

**To create a TCP-socket, you should use socket. AF\_INET or socket. AF\_INET6 for family and socket. SOCK\_STREAM for type.  
...  
It returns a socket object which has the following main methods:**

1. bind()
2. listen()
3. accept()
4. connect()
5. send()
6. recv()

I remember that AF stands for Address Family and PF stands for Protocol Family. Also INET stands for INTERNET in AF\_INET and PF\_INET,Meaning, AF\_INET refers to addresses from the internet, IP addresses specifically. PF\_INET refers to anything in the protocol, usually sockets/ports.AF\_INET is an address family that is used to designate the type of addresses that your socket can communicate with (in this case, Internet Protocol v4 addresses). When you create a socket, you have to specify its address family, and then you can only use addresses of that type with the socket. For the most part, sticking with AF\_INETfor socket programming over a network is the safest option. There is also AF\_INET6for Internet Protocol v6 addresses. Same logic for Sock\_stream.