from ipaddress import ip\_address, IPv4Address

def validIPAddress(IP: str) -> str:

try:

return "IPv4" if type(ip\_address(IP)) is IPv4Address else "IPv6"

except ValueError:

return "Invalid"

if \_\_name\_\_ == '\_\_main\_\_' :

# Enter the Ip address

Ip = "192.168.0.1"

print(validIPAddress(Ip))

Ip = "2001:0db8:85a3:0000:0000:8a2e:0370:7334"

print(validIPAddress(Ip))

Ip = "256.32.555.5"

print(validIPAddress(Ip))

Ip = "250.32:555.5"

print(validIPAddress(Ip))