**47.How would connect to facebook using socket programming in python?**

**Objective:**

* To know how would connect to fb using python socket programming using python3.

**Process:**

* Import socket module.
* Create socket object.
* Within socket object, we must pass the socket\_family, socket\_type.
* Get host name(fb).
* Connect socket with host\_ip using s.connect().

**Input:**

* Socket object and host name.

**Output:**

* Establishment of connection to fb.

**Source code:**

#import socket and sys module

import socket

import sys

try:

#define socket family

s = socket.socket(socket.AF\_INET, socket.SOCK\_STREAM)

print ("Socket successfully created")

except socket.error as err:

print ("socket creation failed with error",(err))

#default port

port = 80

try:

host\_ip = socket.gethostbyname('www.facebook.com')

except socket.gaierror:

#exit the system if error occurs

print ("there was an error resolving the host")

sys.exit()

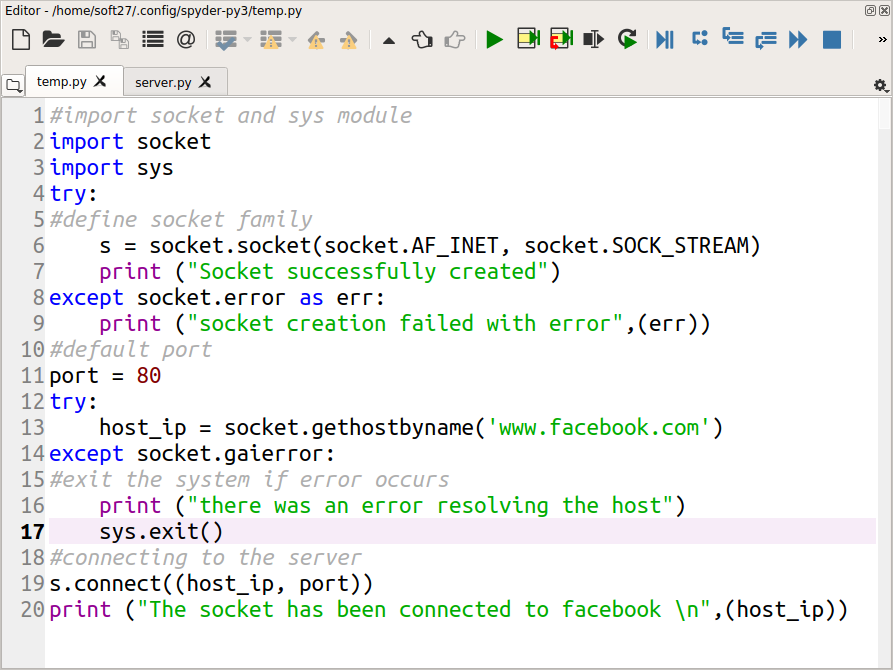
#connecting to the server

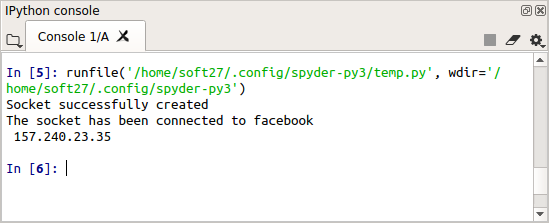
s.connect((host\_ip, port))

print ("The socket has been connected to

facebook \n",(host\_ip))

**Screen shot:**

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