

```
1 import select
2 import socket
3 import threading
4 import os
5 import glob
6 import numpy as np
7
8 i=0
9 host=''
10 port=0
11 s=None
12 def waitpipe(mySock):
13
14
15     try:
16         mySock.send(b'Ready')
17         ret
18     return True
19     except Exception as e :
20         error = e.args
21         if (e.errno==32):
22             return
23     False
24
25 def isNum(number):
26     for x in ['0','1','2','3','4','5','6','7','8','9']:
27         if (number==x):
28             return True
29     return False
30
31
32
33 def recFile():
34
35     global i
36     global host
37     global port
38     global s
39     i=0
40     while(True):
41         host = '192.168.1.2'
42         port = 5050
43         s = socket.socket(socket.AF_INET,socket.SOCK_STREAM)
44         result =s.connect_ex((host,port))
45     while(not result):
46         result =s.connect_ex((host,port))
47         while(not waitpipe(s)):
48             continue
49         print ("Ready")
50         data=None
51         data = s.recv(6)
52         print ("File Size = "+ str (data))
```

```
53         i=i+1
54         print (str(i))
55         filesize = int(data,base=10)
56         f=open("Recived Faces/"+'img'+str(i)+".jpg", 'wb')
57         data=s.recv(4096)
58         totalRecv = len(data)
59         f.write(data)
60
61         while totalRecv < filesize:
62             data= s.recv(4096)
63             f.write(data)
64             totalRecv += len(data)
65             print ("Saved as Recived Faces/img"+str(i))
66             data=None
67             select.select([s],[],[],(filesize*8)/100000000)
68             totalRecv=0
69             f.close()
70             f=None
71             print ("Done!")
72     s.close()
73
74     print ('End Recieving Process...!')
75 def Main():
76     try:
77         t=threading.Thread(target=recFile)
78         t.start()
79     except:
80         print ('error')
81
82 if __name__ == "__main__":
83     Main()
84
85
86
87
```