**Practical No : 1**

**Roll No : B -09 Date: 21/8/20**

Program 1: Implement concept of RPC

Client :

import xmlrpc.client

with xmlrpc.client.ServerProxy("http://localhost:8000/") as proxy: print("For 77 is %s" %str(proxy.countCoin(77)))

print("For 20 is %s" %str(proxy.countCoin(20)))

Server:

from xmlrpc.server import SimpleXMLRPCServer import math as m

def sr(i): return 2\*\*i

def countCoin(n): for \_ in range(1):

p=0

for i in range(0,n): #print(sr(i),i)

if n>=sr(i): p+=1

else:

break return(p)

server = SimpleXMLRPCServer(("localhost",8000)) print("server listening on 8000") server.register\_function(countCoin,"countCoin") server.serve\_forever()

**OUTPUT:**

