```
# Name: Rohit Narayan Telgote
# PRN: 1941054
#Batch: B4
# Aim: Program for distributed application using RPC
rpsserver.py
from xmlrpc.server import SimpleXMLRPCServer
import xmlrpc.client
def fact(n):
  if n < 0:
     return 0
  elif n == 0 or n == 1:
     return 1
  else:
     fact = 1
     while (n > 1):
       fact *= n
       n = 1
     return fact
server = SimpleXMLRPCServer(("localhost",8000))
print("Server i litening on port 8000...")
server.register_function(fact,"fact")
server.serve forever()
rpcclient.py
import xmlrpc.client
proxy = xmlrpc.client.ServerProxy("http://localhost:8000/")
n = int(input("Enter a number to calculate factorial: "))
factorial = proxy.fact(n)
print("Response from server..")
print("Factorial of number is :",factorial)
```

Output:

Rpcserver.py

Rpcclient.py

