Name: Jawad Ahmed ROLLNO: 201-0165 Section: BC1-6A (Assignment #7) Q:- RPC working and it's Implementation? # Ans: GPC is a protocol that one program can use to request a service from a program located in another computer on a network without having to understand the network details Working of RPC: . The client program makes a function call as it would do with a local function. 2. The client's RPC juntime library packages The function call parameters into message and send it to the server. 3. The server's RPC runtime library recieves the message. unpacks the parameters, and calls The corresponding function, 1. The server function executes and returns a result to the RPC runtime library. 5. The RPC runtime library packages the result into a message and sendy it back to the client. The client's RPC rentime library recieves the regult message, unpady The reput, and retirm it to a celly program

Date:
Implementation of RPC:
Implementation of molement simple client server in I am going to implement simple client will be going
python using 'xm type' library client will be going
to call an add male.
the result returned by server.
Server Side:
import xmlrpc.server
def add(u,y):
return n+y
with xmlrpc. server. Simple XML RPC Server (['local hat', 8000)) as server!
server. register-function (add, 'add')
server. register-tunction (add, 'add) server. serve-forever ()
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Client Side:
import xmlrpc.client
with xmlrpc, client. Server Proxy ('http://localhost: 8000') as proxy:
with xmlrpc, client. Server Troxy ("http://local nost . 6000)
print (result)
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