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**EX.NO:11C DATE:06.10.2024**

# REMOTE PROCEDURE CALL FOR SORTING ARRAY OF ELEMENTS - XML RPC

**AIM:**

To implement remote procedure call for Sorting Array of Elements

# PROGRAM:

**server.py**

from xmlrpc.server import SimpleXMLRPCServer def sort\_array(array):

return sorted(array)

server = SimpleXMLRPCServer(("localhost", 8000)) print("XML-RPC server running on port 8000...") server.register\_function(sort\_array, "sort\_array") server.serve\_forever()

# client.py

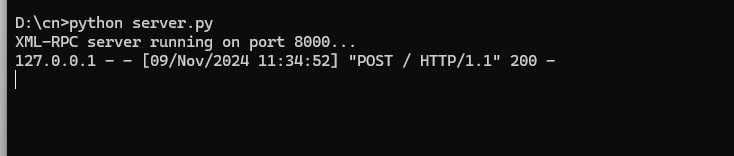
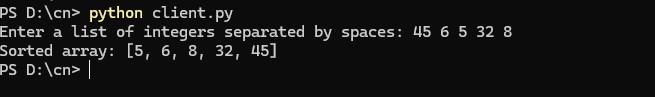
import xmlrpc.client

proxy = xmlrpc.client.ServerProxy("http://localhost:8000/") user\_input = input("Enter a list of integers separated by spaces: ") array = []

for item in user\_input.split(): array.append(int(item))

sorted\_array = proxy.sort\_array(array) print("Sorted array:", sorted\_array)

# OUTPUT:



**RESULT:**

Hence, REMOTE PROCEDURE CALL FOR SORTING ARRAY OF ELEMENTS XML

RPC has been executed

# CSE CYBER SECURITY