



Code:

Server-

```
from xmlrpc.server import SimpleXMLRPCServer

# Function that the client will call remotely
def add(x, y):
    return x + y

# Create an XML-RPC server
server = SimpleXMLRPCServer(('localhost', 8001))

# Register the function so the server can process it
server.register_function(add, 'add')

print("Server is running...")
server.serve_forever()
```

client-

```
#client code
import xmlrpc.client

# Create a connection to the server
server = xmlrpc.client.ServerProxy('http://localhost:8001')

# Call the remote function to add two numbers
result = server.add(6, 5)

print(f"The result of adding two no's: {result}")
```



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Output:

```
Python 3.11.5 | packaged by Anaconda, Inc. | (main, Sep 11 2023, 13:26:23) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license()" for more information.

IPython 8.15.0 -- An enhanced Interactive Python.

Restarting kernel...

In [1]: runfile('C:/Users/Students/.spyder-py3/exp2_server.py', wdir='C:/Users/Students/.spyder-py3')
Server is running.....
127.0.0.1 - - [28/Jan/2025 14:51:14] "POST /RPC2 HTTP/1.1" 200 -
```

```
Python 3.11.5 | packaged by Anaconda, Inc. | (main, Sep 11 2023, 13:26:23) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license()" for more information.

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Restarting kernel...

In [1]: runfile('C:/Users/Students/exp 2 client.py', wdir='C:/Users/Students')
the result of adding two no's : 11

In [2]: |
```