RPC Server:

**import xmlrpc.server**

**class MathFunctions:**

**def add(self, x, y):**

**return x + y**

**server = xmlrpc.server.SimpleXMLRPCServer(("localhost", 8000))**

**server.register\_instance(MathFunctions())**

**print("RPC Server is listening on port 8000...")**

**try:**

**server.serve\_forever()**

**except KeyboardInterrupt:**

**print("Server terminated.")**

**server.shutdown()**

**RPC Client :**

**import xmlrpc.client**

**client = xmlrpc.client.ServerProxy("http://localhost:8000/")**

**def perform\_addition(x, y):**

**result = client.add(x, y)**

**return result**

**# Example usage:**

**number1 = 5**

**number2 = 10**

**result = perform\_addition(number1, number2)**

**print(f"Result of adding {number1} and {number2} is: {result}")**



