

Server response:

```
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$ python server.py
Server listening on port 12345...
```

```
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$ python server.py
Server listening on port 12345...
```

```
Connection from ('127.0.0.1', 37220)
XML data is valid and conforms to the schema.
Parsed patient data:
Patient ID: 7, Name: Madhav Sharma, Age: 30, Diagnosis: Flu
Patient data successfully added to the database.
```

```
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$ python server.py
Server listening on port 12345...
```

```
Connection from ('127.0.0.1', 37220)
XML data is valid and conforms to the schema.
Parsed patient data:
Patient ID: 7, Name: Madhav Sharma, Age: 30, Diagnosis: Flu
Patient data successfully added to the database.
```

```
Connection from ('127.0.0.1', 59320)
Error: Invalid XML data: Does not conform to XSD schema
```

Client response:

```
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$ python client.py
Enter the XML file name (e.g., valid_patient.xml): valid_patient.xml
Server Response is valid and operation was successful: <Response><Status>Success
</Status><Message>Patient data added successfully</Message></Response>
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$
```

```
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$ python client.py
Enter the XML file name (e.g., valid_patient.xml): invalid_patient.xml
Validation Error: Operation failed: Invalid XML data: Does not conform to XSD schema
Server Response is invalid or operation failed: <Response><Status>Failure</Status><Message>Invalid XML data: Does not conform to XSD schema</Message></Response>
maddy@maddy-Lenovo-ideapad-330-15IKB:~/Desktop/socket programming Assignment$
```