

**Aim:-** Write a program which demonstrates client-server communication in Node.js.

**Program code:-**

**Demos.js**

```
const WebSocket = require('ws');
const wss = new WebSocket.Server({ port: 8080 });
wss.on('connection', function connection(ws) {
  ws.on('message', function incoming(message) {
    console.log('received: %s', message);
  });
  ws.send('Hello client!');
});
```

**Democ.js**

```
const WebSocket = require('ws');
const socket = new WebSocket('ws://localhost:8080');
socket.addEventListener('open', function (event) {
  socket.send('Hello Server!');
});
socket.addEventListener('message', function (event) {
  console.log('Message from server ', event.data);
});
```

**Output:-**

**Demos.js**

```
PS C:\Users\aninaamu\Desktop\html\Reactpartofhtml\xp8\src> node demos.js
received: Hello Server!
```

**Democ.js**

```
PS C:\Users\aninaamu\Desktop\html\Reactpartofhtml\xp8\src> node democ.js
Message from server Hello client!
```

**Conclusion:-** Successfully implemented program to demonstrate client-server communication in node js