

Assignment on Making Http Web Server

Md.Al-Helal

Roll: SH-51

September 26, 2017

```
import java.io.*;
import java.net.ServerSocket;
import java.net.Socket;

public class SimpleHttpServer
{
    public static void main(String [] args)
    {
        int MAX_CLIENT = 100;
        try
        {
            ServerSocket serverSocket = new ServerSocket(8080);
            for(int i = 0; i < MAX_CLIENT ; i++)
            {
                Socket socket = serverSocket.accept();
                Server server = new Server(socket);
                server.thread.start();
            }
        }
        catch (IOException e)
        {
        }
    }
}

class Server implements Runnable
{
    Thread thread;
    Socket socket;
    Server(Socket socket)
    {
        this.socket = socket;
        thread = new Thread(this::run);
    }
    public void run()
    {
        try
```

```

{
    InputStreamReader inputStreamReader = new InputStreamReader(socket.getInputStream());
    BufferedReader bufferedReader = new BufferedReader(inputStreamReader);
    PrintWriter out = new PrintWriter(socket.getOutputStream());
    String request;
    request = bufferedReader.readLine();
    String [] splitRequest = request.split(" /");
    String URI = splitRequest[1];
    File file = new File(URI);
    FileReader fileReader = new FileReader(file);
    BufferedReader content = new BufferedReader(fileReader);
    String line;
    while ((line = content.readLine()) != null)
    {
        System.out.println(line);
    }
}
catch (FileNotFoundException e)
{
    System.out.println("404 file not found");
}
catch (IOException io)
{
}
}
}

```