

IT LAB ASSIGNMENT REPORT 6

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QUESTION 6:

Create a JAVA program to connect your website with Server using “Client Server Programming”.

CODE:

```
import java.io.IOException; import java.net.ServerSocket; import java.net.Socket; import java.util.Date;
```

```
/**
```

```
* Java program to connect a website and Server using
```

```
* ServerSocket and Socket class.
```

```
* Run the program using 'java Website' and visit http://localhost:8080/
```

```
*/
```

```
public class Website
```

```
{
```

```
public static void main(String args[]) throws IOException
```

```
{
```

```
    ServerSocket server = new ServerSocket(8080); System.out.println("Listening  
for connection on port 8080 ..... ");
```

```
while (true)
```

```
{
```

```
try (Socket socket = server.accept())
```

```
{
```

```
    Date today = new Date();
```

```
    String httpResponse = "HTTP/1.1 200 OK\r\n\r\n" + "Welcome to my Website  
and today is " + today;
```

```
    socket.getOutputStream().write(httpResponse.getBytes("UTF-8"));
```

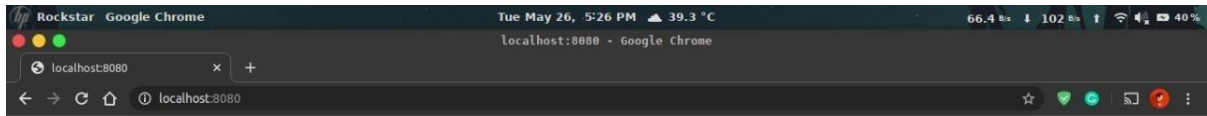
```
}
```

```
}
```

```
}
```

```
}
```

OUTPUT:



Hello, World!

Welcome to the Website connected to server by a Java Program
