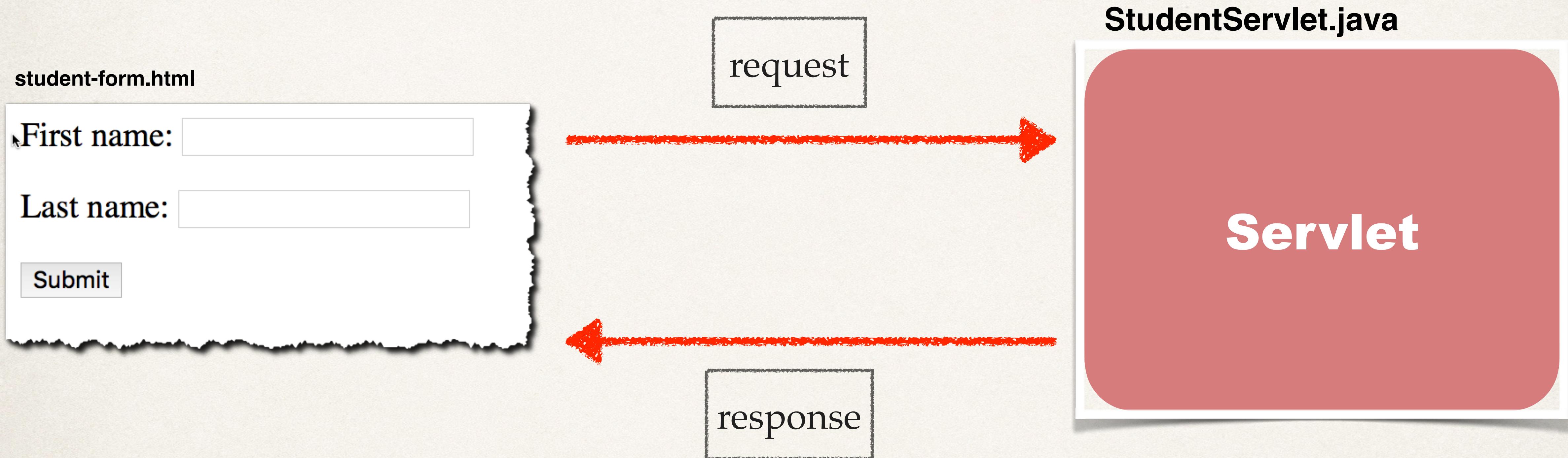


# Difference between GET and POST



# HTTP Request / Response



# Form GET method calls Servlet doGet() method

```
<form action="StudentServlet" method="GET">  
...  
</form>
```

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)  
throws ServletException, IOException {  
...  
out.println(request.getParameter("firstName"));  
}
```

# Form POST method calls Servlet doPost() method

```
<form action="StudentServlet" method="POST">  
...  
</form>
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
throws ServletException, IOException {  
...  
out.println(request.getParameter("firstName"));  
}
```

# Sending Data with GET method

```
<form action="StudentServlet" method="GET">  
...  
</form>
```

- Form data is added to end of URL as name / value pairs
  - **theUrl?field1=value1&field2=value2...**

# Sending Data with POST method

```
<form action="StudentServlet" method="POST">  
...  
</form>
```

- Form data is passed in the body of HTTP request message

# Well .... which one???

## GET

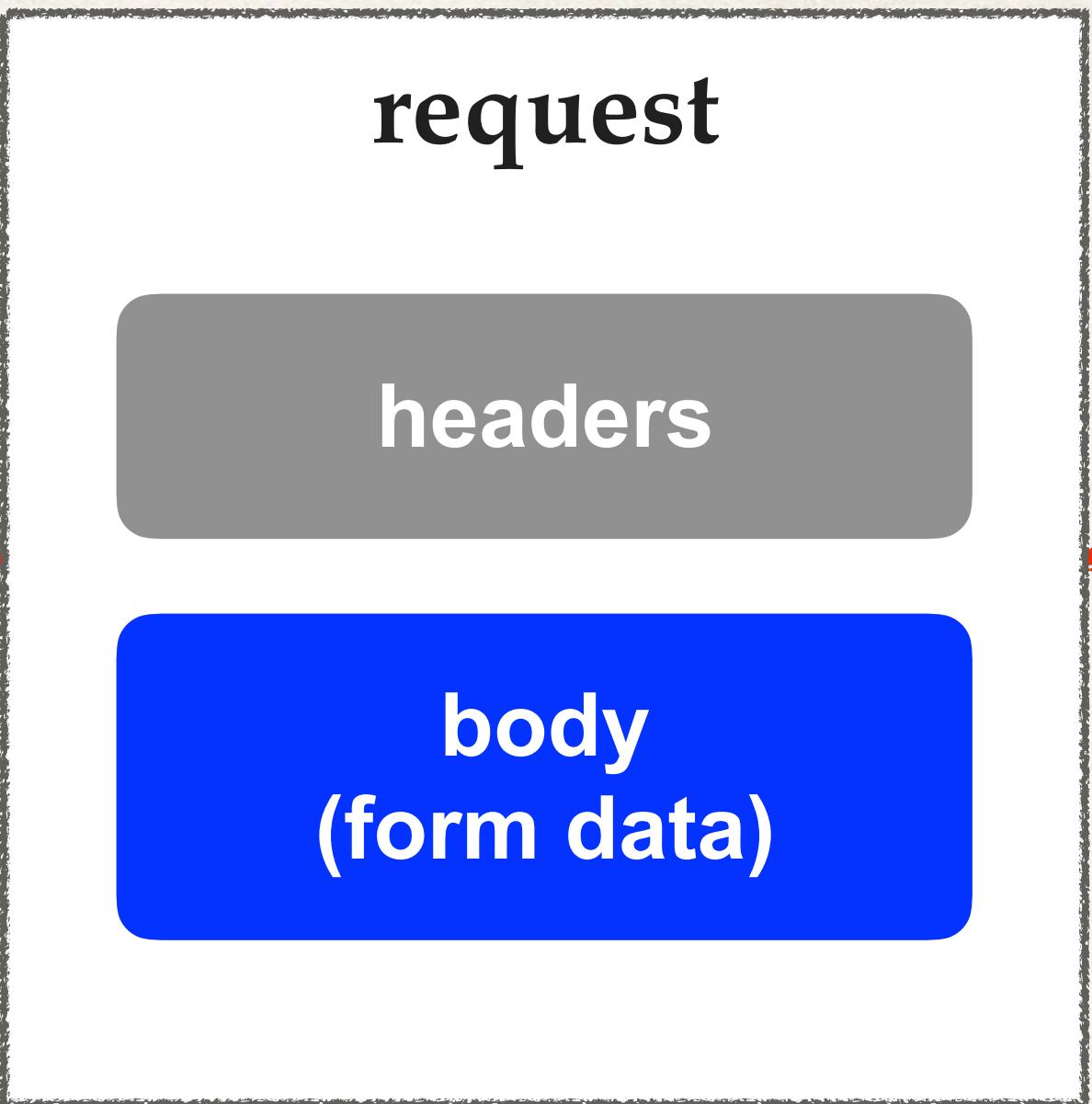
- Good for debugging
- Bookmark or email URL
- Limitations on data length

## POST

- Can't bookmark or email URL
- No limitations on data length
- Can also send binary data

First name:

Last name:



# Difference between GET and POST

