

















Project Structure

✓ D:\varma\project_alpha

> 🛅 .ideo

src 🚾

✓ scripts_module

XSSFilter.java

XSSScan.java

XSSRequestWrapper.java

```
Project: Alpha - (file_path)/XSSRequestWrapper.java =
```

```
return encodedValues;
@Override
public String getParameter(String parameter) {
   String value = super.getParameter(parameter);
   return stripXSS(value);
@Override
public String getHeader(String name) {
   String value = super.getHeader(name);
   return stripXSS(value);
private String stripXSS(String value) {
  if (value != null) {
     // NOTE: It's highly recommended to use the ESAPI library and uncomment the following line to
     // avoid encoded attacks.
     // value = ESAPI.encoder().canonicalize(value);
      // Avoid null characters
      value = value.replaceAll("", "");
     // Avoid anything between script tags
     Pattern scriptPattern = Pattern.compile("<script>(.*?)</script>", Pattern.CASE_INSENSITIVE);
      value = scriptPattern.matcher(value).replaceAll("");
     // Avoid anything in a src='...' type of expression
      scriptPattern = Pattern.compile("src[r]=[]\\'(.*?)\\", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
      value = scriptPattern.matcher(value).replaceAll("");
      scriptPattern = Pattern.compile("src[]*=[\]*\\"(.*?)\\"", Pattern.CASE_INSENSITIVE | Pattern.MULTILINE | Pattern.DOTALL);
      value = scriptPattern.matcher(value).replaceAll("");
     // Remove any Ionesome </script> tag
      scriptPattern = Pattern.compile("</script>", Pattern.CASE_INSENSITIVE);
      value = scriptPattern.matcher(value).replaceAll("");
```

