

# Worksheet: Events with Data Driven Tasks

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A logged in user would like to get the articles they authored using the `getArticles(userId)` request to fetch their articles. The request returns an object that has a list of articles that looks like the following:

```
{ articles: ["I like Rice", "Where are they putting the 12th college"] }
```

Can you modify the code on the next slide to safely get the user's articles? If not, explain why not.



# Get Articles for logged in users with DDTs

```
var username = ...
var password = ...
...
var regUser = newDataDrivenFuture();
var logUser = newDataDrivenFuture();
var loggedIn = newDataDrivenFuture();
var logOut = newDataDrivenFuture();
...
async(() -> regUser.put(registerNewUser(username, password))); // { username: user, result: "success" or "failure"}
...
asyncAwait(regUser, () -> { if (regUser.safeGet().result.equals("success"))
    logUser.put(loginUser(username, password)); // {userId: id, result: "success" or "failure"}
    else
    logUser.put({result: "failure" }); });
...
asyncAwait(logUser, () -> { if (logUser.safeGet().result.equals("success"))
    loggedIn.put(isLoggedIn(logUser.safeGet().userId)); // {userId: id, result: "success" or "failure" }
    else
    loggedIn.put({result: "failure" }); });
...
asyncAwait(loggedIn, () -> { if (loggedIn.safeGet().result.equals("success"))
    logOut.put(logoutUser(loggedIn.safeGet().userId)); // { result: "success" or "failure" }
    else
    logOut.put({result: "failure" }); });
...
...

```

