



{ APEXSYNC }

{ ApexSync } Workflow

Automatically sync your ApexSandbox.io solutions to GitHub

Authenticate GitHub

- 1 Navigate to or any problem page on <https://www.apexsandbox.io/>

- 2 A Proper message is displayed if your GitHub account is not connected. "✗"

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Implement the method `getFieldsValue`, which accepts the following inputs:

- An account `acc`
- A list of strings `fields`, with each string in the list representing a valid field on the account object.

The method should return a list of values from the account record for fields listed in the list `fields` in the correct order.

Given the following test code:

```
Account acc = new Account(
    Name = 'Salesforce',
    BillingCity = 'Boston',
    AnnualRevenue=10000, Rating='Hot');
List fields = new List{'Industry','Name','Ri
List result = getFieldsValue(acc, fields);
```

result should be [null, 'Salesforce', 'Hot']

> Hint 1

> Hint 2

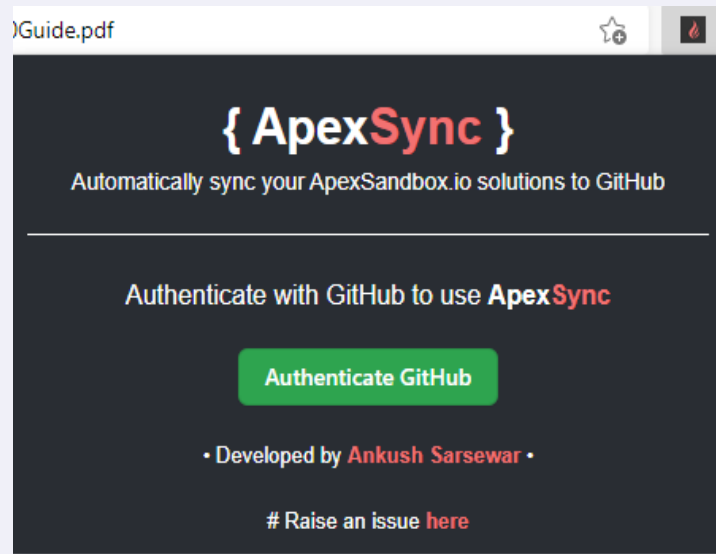
Discuss this problem on the [ApexSandbox.io Trailblazer Community Group](#)

```
1 public List<String> getFieldsValue(Account acc, List<String>
2 {
3     // code here
4     List<String> result = new List<String>();
5     for(String f : fields)
6     {
7         result.add(String.valueOf(acc.get(f)));
8     }
9     return result;
10 }
```

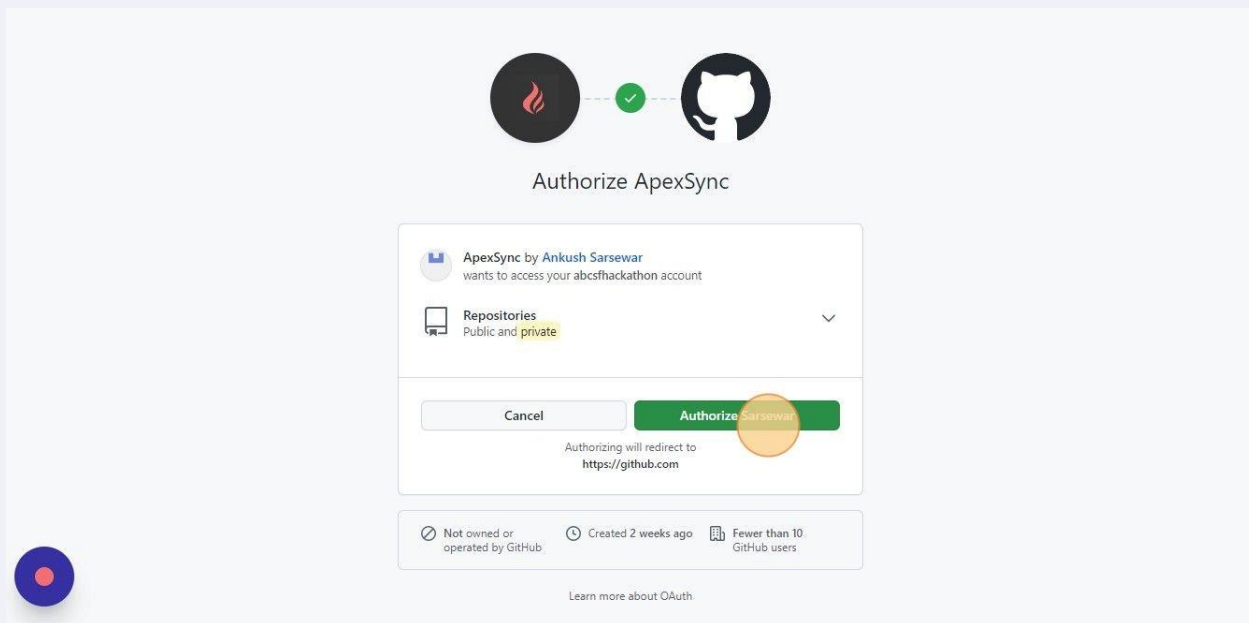
Execution Results

✗ Your Github profile is not connected.

- 3 Click on "ApexSync" Chrome Extension and Authenticate your GitHub account

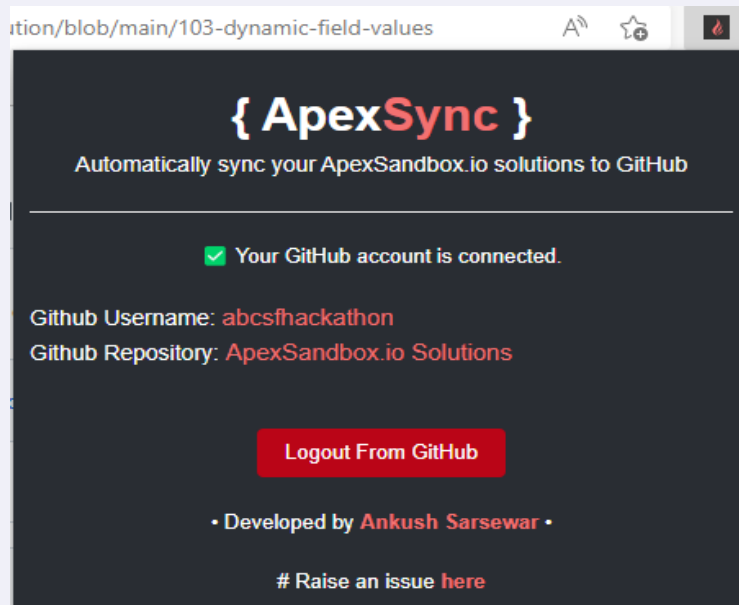


- 4 Click "Authorize Sarsewar" and it will redirect you to the apexsandbox.io page.



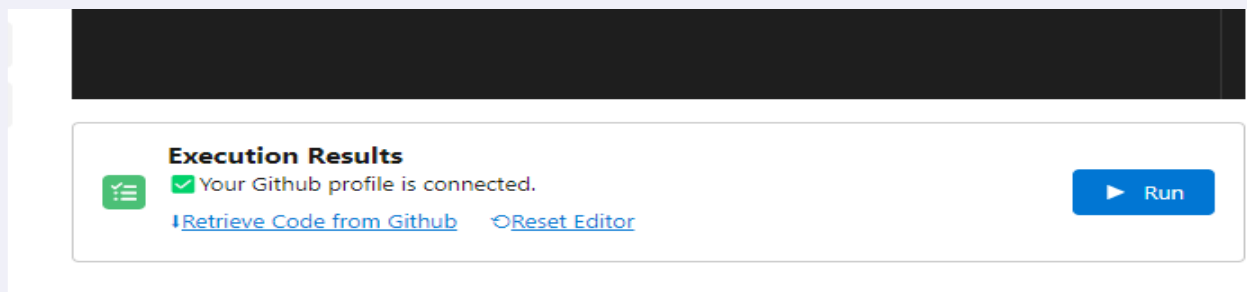
5

Once your GitHub account is authenticated successfully, the ApexSync chrome extension will show your GitHub username and repository name.

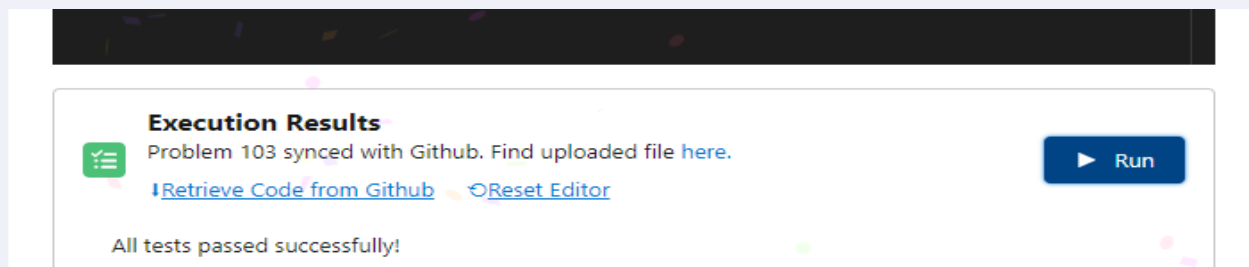


6

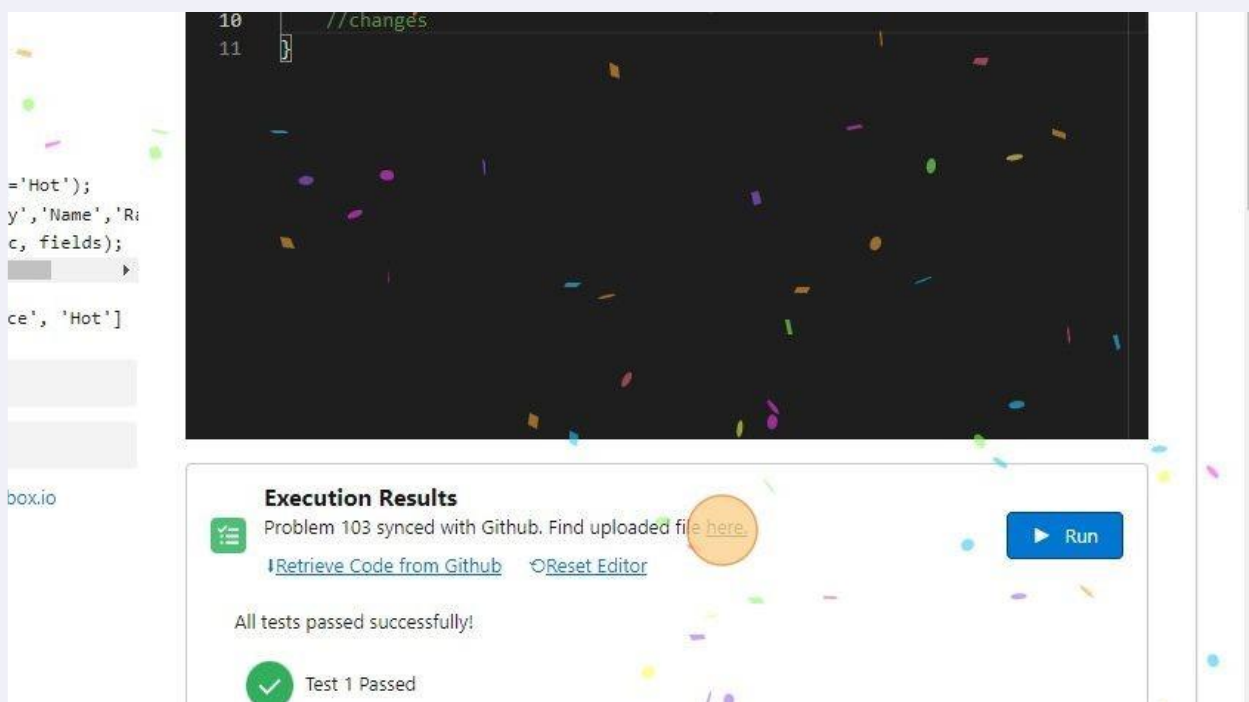
GitHub Account is connected message will appear on UI



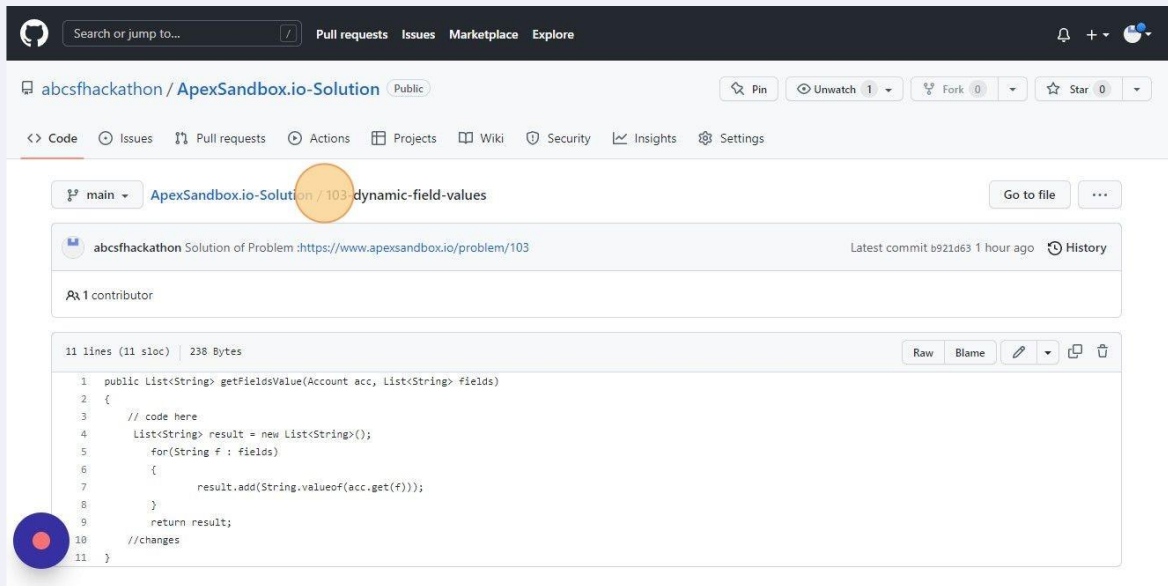
- 7 Click "Run" and the ApexSync will automatically sync your code to GitHub.



- 8 Click "here" to check the uploaded code on GitHub.



9 Check the uploaded code on GitHub



The screenshot shows the GitHub interface for the repository 'abcsfhackathon / ApexSandbox.io-Solution'. The repository is public and has 1 unwatcher, 0 forks, and 0 stars. The 'Code' tab is selected, showing the file 'ApexSandbox.io-Solution / 103 dynamic-field-values'. The file is 11 lines (11 sloc) and 238 Bytes. The code is as follows:

```
1 public List<String> getFieldsValue(Account acc, List<String> fields)
2 {
3     // code here
4     List<String> result = new List<String>();
5     for(String f : fields)
6     {
7         result.add(String.valueOf(acc.get(f)));
8     }
9     return result;
10    //changes
11 }
```

Reset Editor

1 Reset the Editor to original code.

Apex Language Exercises

- sObject Type ✓
- Convert 15-digit ID to 18-digit ID ✓
- Handle Exception ✓
- Throw An Exception ✓
- Safe Navigation Operator ✓
- Dynamic Field Values ✓**
- Serialize sObjects ✓
- List of sObjects ✓
- Deserialize sObjects ✓
- Sort a list of sObjects ✓

> sObjects

> Lists

> Sets

> Maps

> Data Structures & Algorithms

Privacy Policy

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```
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    Name = 'Salesforce',  
    BillingCity = 'Boston',  
    AnnualRevenue=10000, Rating='Hot');  
List fields = new List('Industry', 'Name', 'Rating');  
List result = getFieldsValue(acc, fields);
```

result should be `[null, 'Salesforce', 'Hot']`

> Hint 1

> Hint 2

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```
1 public List<String> getFieldsValue(Account acc, List<String> fields)  
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9     return result;  
10 }
```

Execution Results

Problem 103 synced with Github. Find uploaded file [here](#).

[Retrieve Code from Github](#) [Reset Editor](#) [Run](#)

All tests passed successfully!

✓ Test 1 Passed

2 Click "Reset Editor" and the page will refresh automatically with the reset code.

Contributed by: [Ankush Sarsewar](#)

```
1 public List<String> getFieldsValue(Account acc, List<String> fields)  
2 {  
3     // code here  
4 }
```

Execution Results

✓ Your Github profile is connected.

[Retrieve Code from Github](#) [Reset Editor](#) [Run](#)

Retrieve Code from GitHub

1

Click "Retrieve Code from GitHub" to retrieve your uploaded code from GitHub to ApexSandbox.io

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✓

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    AnnualRevenue=10000, Rating='Hot');  
List fields = new List{'Industry','Name','Rating'};  
List result = getFieldsValue(acc, fields);
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```

Execution Results

✓ Your Github profile is connected.

[Retrieve Code from Github](#) [Reset Editor](#)

[Run](#)

2

Check the Code after Retrieve

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gorithms

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8     }  
9     return result;  
10 }
```

Execution Results

✓ Your Github profile is connected.

[Retrieve Code from Github](#) [Reset Editor](#)

[Run](#)

Logout From GitHub

- 1 ApexSync allows you to logout from GitHub

