

Github repo - github.com/Standby-Coder/DevOpsTraining

1) Current repo - github.com/Standby-Coder/DevOpsTrainingAssignment

```
PS F:\DevOpsTraining\Git> git clone git@github.com:Standby-Coder/DevOpsTrainingAssignment.git
Cloning into 'DevOpsTrainingAssignment'...
warning: You appear to have cloned an empty repository.
PS F:\DevOpsTraining\Git>
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git checkout -b some_random_branch
Switched to a new branch 'some_random_branch'
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch some_random_branch

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .env
        data.csv
        requirements.txt
        server.py
        templates/

nothing added to commit but untracked files present (use "git add" to track)
```

```
▼ templates ●
  <> index.html U
  <> success.html U
  ⚙ .env
  ⚙ .gitignore U
  📄 data.csv U
  📄 requirements.txt U
  📄 server.py U
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git add .
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch some_random_branch

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitignore
        new file:   data.csv
        new file:   requirements.txt
        new file:   server.py
        new file:   templates/index.html
        new file:   templates/success.html
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -m "Initial commit"
[some_random_branch (root-commit) 231c4d6] Initial commit
6 files changed, 131 insertions(+)
create mode 100644 .gitignore
create mode 100644 data.csv
create mode 100644 requirements.txt
create mode 100644 server.py
create mode 100644 templates/index.html
create mode 100644 templates/success.html
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push origin some_random_branch
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 2.03 KiB | 62.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
 * [new branch]      some_random_branch -> some_random_branch
```

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git branch
* main
  some_random_branch
```

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git merge some_random_branch
Updating 436fe8f..72b1869
Fast-forward
 app2/data.csv          | 21 ++++++
 app2/requirements.txt  |  4 +++
 app2/server.py         | 49 ++++++
 app2/templates/index.html | 42 ++++++
 app2/templates/success.html | 14 ++++++
 5 files changed, 130 insertions(+)
 create mode 100644 app2/data.csv
 create mode 100644 app2/requirements.txt
 create mode 100644 app2/server.py
 create mode 100644 app2/templates/index.html
 create mode 100644 app2/templates/success.html
```

2)

You, 1 second ago | 1 author (You)

1	Item	Product	Price	Quantity
2	1,	Col 2: Product		
3	2,	Banana	0.30	150
4	3,	Cherry	0.75	200
5	4,	Date	1.00	50
6	5,	Elderberry	1.50	30
7	6,	Fig	0.80	120
8	7,	Grape	0.60	80
9	8,	Honeydew	1.20	60
10	9,	Kiwi	0.90	90
11	10,	Lemon	0.40	110
12	11,	Mango	1.10	70
13	12,	Nectarine	1.30	40
14	13,	Orange	0.70	130
15	14,	Papaya	1.40	20
16	15,	Quince	1.60	10
17	21,	Pear	0.65	170
18	16,	Raspberry	0.85	140
19	17,	Strawberry	0.95	160
20	18,	Tangerine	0.55	180
21	19,	Ugli fruit	1.25	25
22	20,	Vanilla bean	2.00	5
23	22,	Watermelon	0.45	90
24	23,	Xigua	0.70	75

You, 5 minutes ago • Added flask project ...

PROBLEMS DEBUG CONSOLE TERMINAL PORTS GITLENS QUERY RESULTS POSTGRESQL QUERY RESULTS

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git checkout -b "some_random_branch_new"
Switched to a new branch 'some_random_branch_new'
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch some_random_branch_new
nothing to commit, working tree clean
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git branch
main
some_random_branch
* some_random_branch_new
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch some_random_branch_new
nothing to commit, working tree clean
○ PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> []
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch some_random_branch_new
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   app2/data.csv

no changes added to commit (use "git add" and/or "git commit -a")
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -am "Changed data for /api"
[some_random_branch_new 2fcc44f] Changed data for /api
1 file changed, 4 insertions(+), 1 deletion(-)
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push --set-upstream origin some_random_branch_new
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 529 bytes | 529.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'some_random_branch_new' on GitHub by visiting:
remote:   https://github.com/Standby-Coder/DevOpsTrainingAssignment/pull/new/some_random_branch_new
remote:
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
 * [new branch]      some_random_branch_new -> some_random_branch_new
branch 'some_random_branch_new' set up to track 'origin/some_random_branch_new'.
```

You, 1 minute ago | 1 author (You)

	Item	Product	Price	Quantity
1	1	Apple	0.50	100
2	2	Banana	0.30	150
3	3	Cherry	0.75	200
4	4	Date	1.00	50
5	5	Elderberry	1.50	30
6	6	Fig	0.80	120
7	7	Grape	0.60	80
8	8	Honeydew	1.20	60
9	9	Kiwi	0.90	90
10	10	Lemon	0.40	110
11	11	Mango	1.10	70
12	12	Nectarine	1.30	40
13	13	Orange	0.70	130
14	14	Papaya	1.40	20
15	15	Quince	1.60	10
16	21	Pear	0.65	170
17	16	Raspberry	0.85	140
18	17	Strawberry	0.95	160
19	18	Tangerine	0.55	180
20	19	Ugli fruit	1.25	25
21	20	Vanilla bean	2.00	5
22	22	Watermelon	0.45	90
23	23	Xigua	0.70	75

You, 7 minutes ago • Added flask project ...

PROBLEMS DEBUG CONSOLE TERMINAL PORTS GITLENS QUERY RESULTS POSTGRESQL QUERY RESULTS

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git checkout main
Switched to branch 'main'
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git merge some_random_branch_new
Updating 72b1869..2fcc44f
Fast-forward
 app2/data.csv | 5 ++++-
 1 file changed, 4 insertions(+), 1 deletion(-)
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> █
```

3)

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git branch master_1
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git branch master_2
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git branch
* main
  master_1
  master_2
  some_random_branch
  some_random_branch_new
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment>
```

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git add .
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -m "Added todo frontend"
[master_1 126af50] Added todo frontend
 1 file changed, 58 insertions(+)
 create mode 100644 app2/templates/todo.html
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push --set-upstream origin master_1
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 1.02 KiB | 31.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'master_1' on GitHub by visiting:
remote:   https://github.com/Standby-Coder/DevOpsTrainingAssignment/pull/new/master_1
remote:
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
 * [new branch]      master_1 -> master_1
branch 'master_1' set up to track 'origin/master_1'.
```

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git checkout master_2
M       app2/server.py
Already on 'master_2'
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch master_2
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   app2/server.py

no changes added to commit (use "git add" and/or "git commit -a")
```

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -am "Added backend /submittodoitem"
[master_2 7d2b7d6] Added backend /submittodoitem
 1 file changed, 15 insertions(+)
```

```

● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push --set-upstream origin master_2
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 619 bytes | 619.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'master_2' on GitHub by visiting:
remote:   https://github.com/Standby-Coder/DevOpsTrainingAssignment/pull/new/master_2
remote:
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
* [new branch]      master_2 -> master_2
branch 'master_2' set up to track 'origin/master_2'.

```

```

● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git branch
* main
  master_1
  master_2
  some_random_branch
  some_random_branch_new
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git merge master_1
Updating 2fcc44f..4f9da07
Fast-forward
 app2/templates/todo.html | 58 +++++
1 file changed, 58 insertions(+)
create mode 100644 app2/templates/todo.html
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git merge master_2
Merge made by the 'ort' strategy.
 app2/server.py | 15 +++++
1 file changed, 15 insertions(+)

```



4)


```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git checkout master_1
Switched to branch 'master_1'
Your branch is up to date with 'origin/master_1'.
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git add .
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -m "Added Item ID field"
[master_1 3089812] Added Item ID field
1 file changed, 4 insertions(+)
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 466 bytes | 466.00 KiB/s, done.
Total 5 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
4f9da07..3089812 master_1 -> master_1
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git add .
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -m "Added Item UUID field"
[master_1 4ff4a86] Added Item UUID field
1 file changed, 4 insertions(+)
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 467 bytes | 467.00 KiB/s, done.
Total 5 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
3089812..4ff4a86 master_1 -> master_1
```

```
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git add .
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -m "Added Item Hash field"
[master_1 8e77913] Added Item Hash field
1 file changed, 4 insertions(+)
● PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 476 bytes | 238.00 KiB/s, done.
Total 5 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
47c35a3..8e77913 master_1 -> master_1
```

Added fields in frontend #1

 Open Standby-Coder wants to merge 3 commits into `main` from `master_1` 

 Conversation 0  Commits 3  Checks 0  Files changed 1



Standby-Coder commented now

...

No description provided.



Standby-Coder added 3 commits 18 minutes ago



Added Item ID field

3089812



Added Item UUID field

47c35a3



Added Item Hash field

8e77913



No conflicts with base branch

Merging can be performed automatically.

Merge pull request



You can also merge this with the command line. [View command line instructions.](#)



Standby-Coder merged commit 187029f into `main` now

Revert




Pull request successfully merged and closed

You're all set — the `master_1` branch can be safely deleted.

Delete branch




Add a comment

Merge pull request #1 from Standby-Coder/master_1 

Verified

187029f




 Standby-Coder authored now

Added Item Hash field

8e77913



 Standby-Coder committed 4 minutes ago

Added Item UUID field

47c35a3




 Standby-Coder committed 6 minutes ago

Added Item ID field

3089812









 Standby-Coder committed 19 minutes ago

```
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git reset --soft 308981205cbfce61e52cb2e739449e16fd3842e3
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git status
On branch main
Your branch is behind 'origin/main' by 5 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   app2/server.py
        modified:   app2/templates/todo.html

PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git commit -m "reverted"
[main f16f7ec] reverted
 2 files changed, 23 insertions(+)
```

Commits on Jun 7, 2025		
reverted		f16f7ec  
 Standby-Coder committed 4 minutes ago		
Added Item ID field		3089812  
 Standby-Coder committed 25 minutes ago		

```
45 <body>
46   <form action="/submittodoitem" method="POST">
47     <div>
48       <div>
49         <label for="itemuuid">Item UUID:</label>
50         <input type="text" id="itemuuid" name="itemuuid" required />
51       </div>
52       Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
53       <<<<<< HEAD (Current Change)
54       <div>
55         <label for="itemhash">Item Hash:</label>
56         <input type="text" id="itemhash" name="itemhash" required />
57       </div>
58       =====
59       >>>>>> 47c35a3 (Added Item UUID field) (Incoming Change)
60       <div>
61         <label for="itemname">Item Name:</label> You, 39 minutes ago • Added todo frontend ...
62         <input type="text" id="itemname" name="itemname" required />
63       </div>
64       <div>
65         <label for="description">Item Description:</label>
66         <input type="text" id="description" name="description" required />
67       </div>
68       <button type="submit">Add Item</button>
69     </form>
70
71
PROBLEMS  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS  QUERY RESULTS  POSTGRESQL QUERY RESULTS

PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git checkout master_1
Switched to branch 'master_1'
Your branch is up to date with 'origin/master_1'.
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git rebase main
Auto-merging app2/templates/todo.html
CONFLICT (content): Merge conflict in app2/templates/todo.html
error: could not apply 47c35a3... Added Item UUID field
hint: Resolve all conflicts manually, mark them as resolved with
hint: "git add/rm <conflicted_files>", then run "git rebase --continue".
hint: You can instead skip this commit: run "git rebase --skip".
hint: To abort and get back to the state before "git rebase", run "git rebase --abort".
hint: Disable this message with "git config advice.mergeConflict false"
Could not apply 47c35a3... Added Item UUID field
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> 
```

```
[detached HEAD 6be7eb5] Added Item UUID field - reverted and rebased main
1 file changed, 8 deletions(-)
Auto-merging app2/templates/todo.html
CONFLICT (content): Merge conflict in app2/templates/todo.html
error: could not apply 8e77913... Added Item Hash field
hint: Resolve all conflicts manually, mark them as resolved with
hint: "git add/rm <conflicted_files>", then run "git rebase --continue".
hint: You can instead skip this commit: run "git rebase --skip".
hint: To abort and get back to the state before "git rebase", run "git rebase --abort".
hint: Disable this message with "git config advice.mergeConflict false"
Could not apply 8e77913... Added Item Hash field
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git rebase --continue
Successfully rebased and updated refs/heads/master_1.
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push
To github.com:Standby-Coder/DevOpsTrainingAssignment.git
! [rejected]        master_1 -> master_1 (non-fast-forward)
error: failed to push some refs to 'github.com:Standby-Coder/DevOpsTrainingAssignment.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. If you want to integrate the remote changes,
hint: use 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS F:\DevOpsTraining\Git\DevOpsTrainingAssignment> git push --force
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 458 bytes | 458.00 KiB/s, done.
```