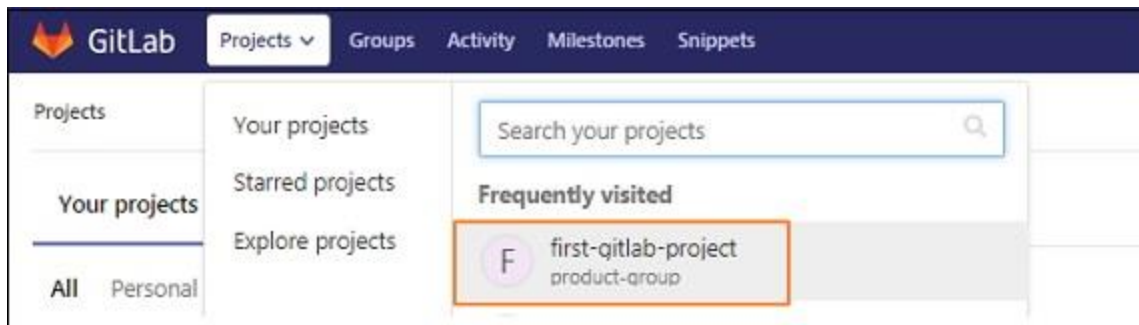
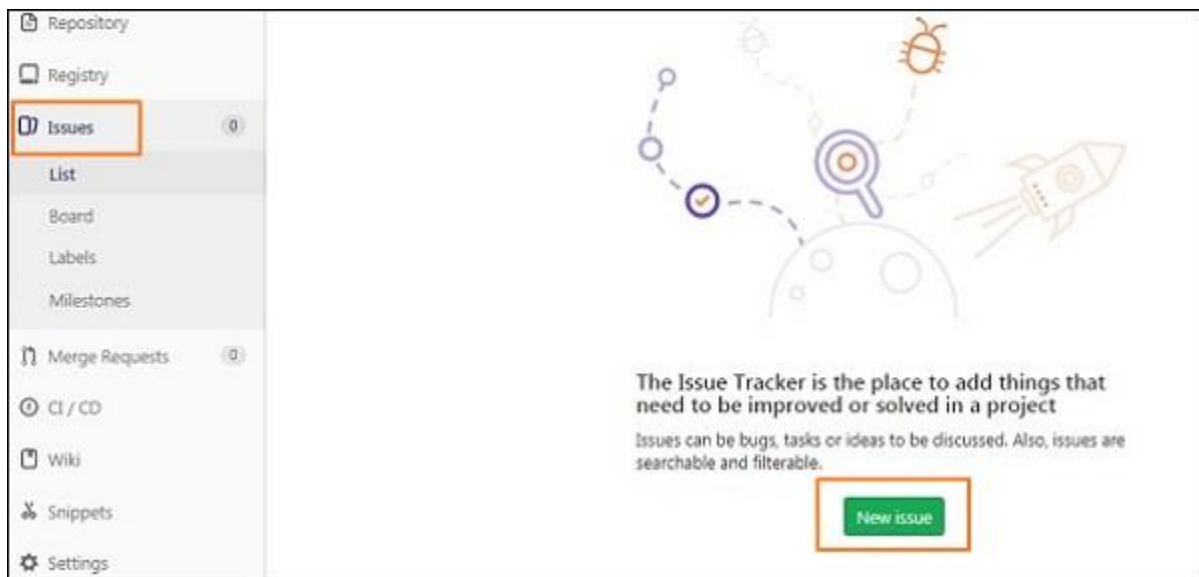


ow to create an issue in a project –

Step 1 – Login to your GitLab account and go to your project under *Projects* section –



Step 2 – Go to *Issues* tab and click on the *New issue* button to create a new issue as shown below –



Step 3 – Now, fill the information such as title, description and if you want, you can select a user to assign an issue, milestone, labels upon operation or could be choose by developers themselves later.

New Issue

Title: Issue Demo

Add description templates to help your contributors communicate effectively

Description: **Write** Preview

It contains unwanted text...

Markdown and quick actions are supported

This issue is confidential and should only be visible to team members with at least Reporter access.

Assignee: Unassigned Assign to me Due date: Select due date

Milestone: Milestone

Labels: Labels

Submit issue

Step 4 – Click on the *Submit issue* button and you will get an overview of an issue along with title and description as shown below –

Issue Demo

It contains unwanted text...

0 0

Create merge request

Write Preview

write a comment or drag your files here...

Markdown and quick actions are supported

Close issue

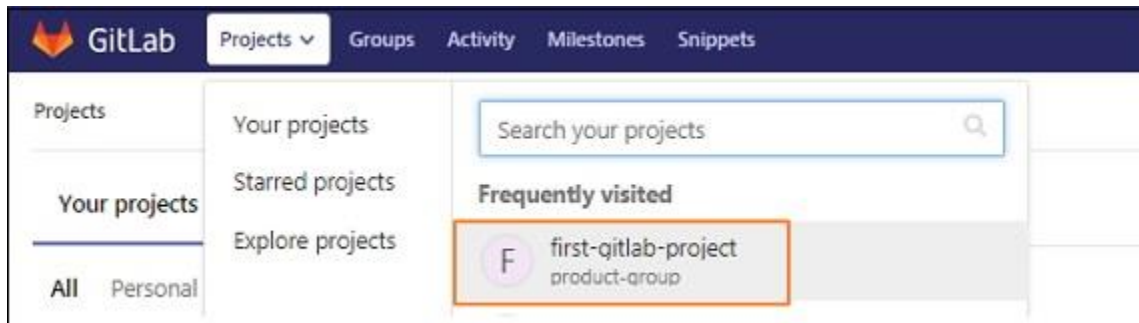
Description

Merge request can be used to interchange the code between other people that you have made to a project and discuss the changes with them easily.

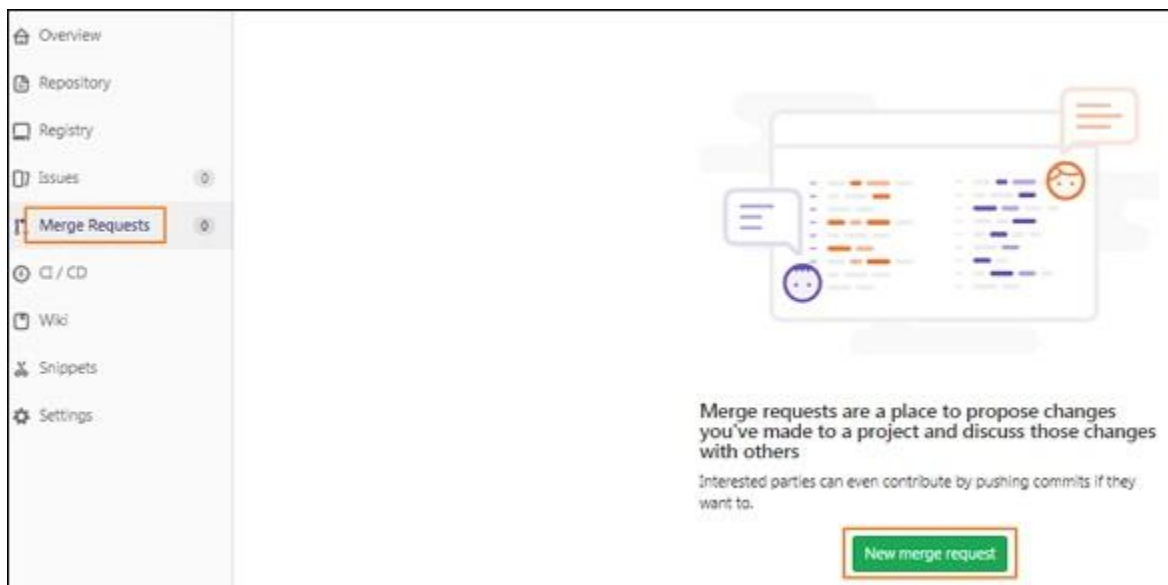
Steps for Merging Request

Step 1 – Before creating new merging request, there should be a created branch in the GitLab. You can refer this [chapter](#) for creating the branch –

Step 2 – Login to your GitLab account and go to your project under *Projects* section –



Step 3 – Click on the *Merge Requests* tab and then click on the *New merge request* button –



Step 4 – To merge the request, select the source branch and target branch from the dropdown and then click on the *Compare branches and continue* button as shown below –



Step 5 – You will see the title, description and other fields such as assigning user, setting milestone, labels, source branch name and target branch name and click on the *Submit merge request* button –

New Merge Request
From issue-fix into master

Title: Fix a bug
Start the title with `fix` to prevent a **Work In Progress** merge request from being merged before it's ready.
Add description templates to help your contributors communicate effectively!

Description: **Write** Preview
Fixes #1
Markdown and quick actions are supported

Assignee: Assignee Assign to me

Milestone: Milestone

Labels: Labels

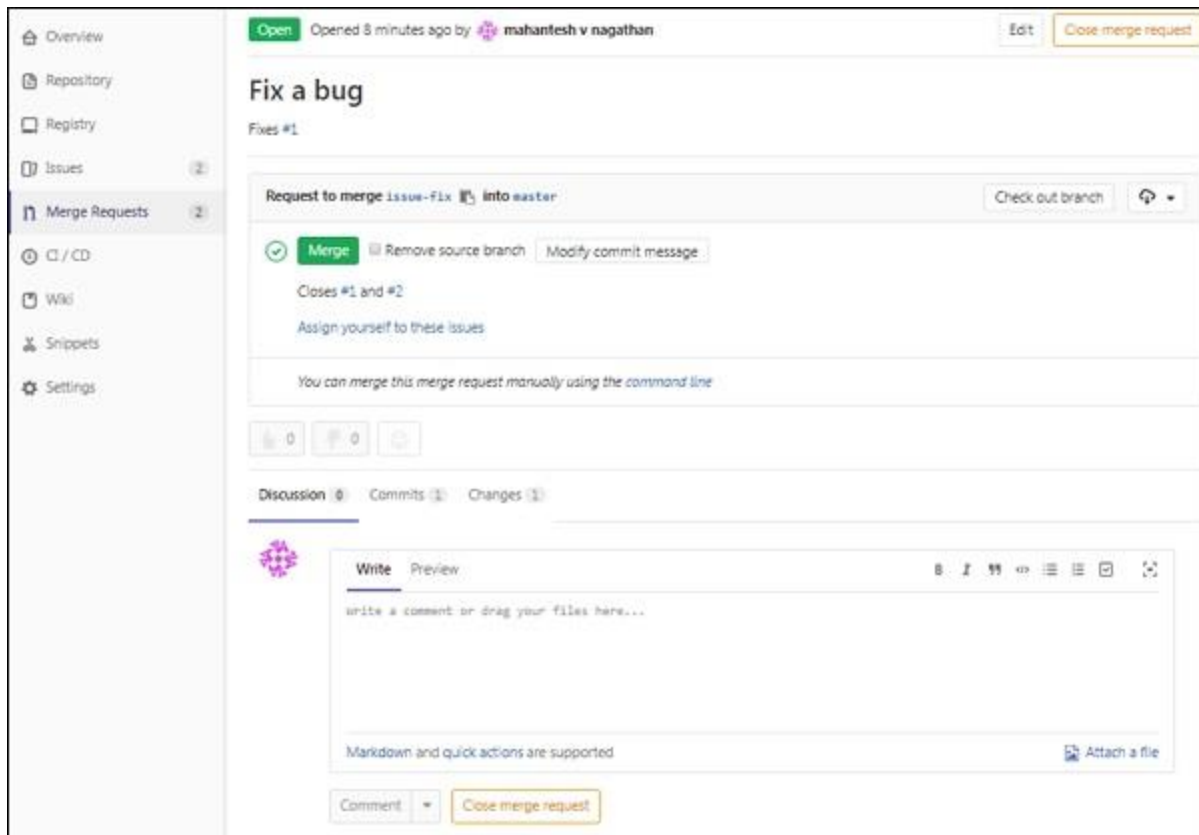
Source branch: issue-fix

Target branch: master Change branches

☐ Remove source branch when merge request is accepted.

Submit merge request

Step 6 – After submitting the merge request, you will get a new merge request screen as shown below –

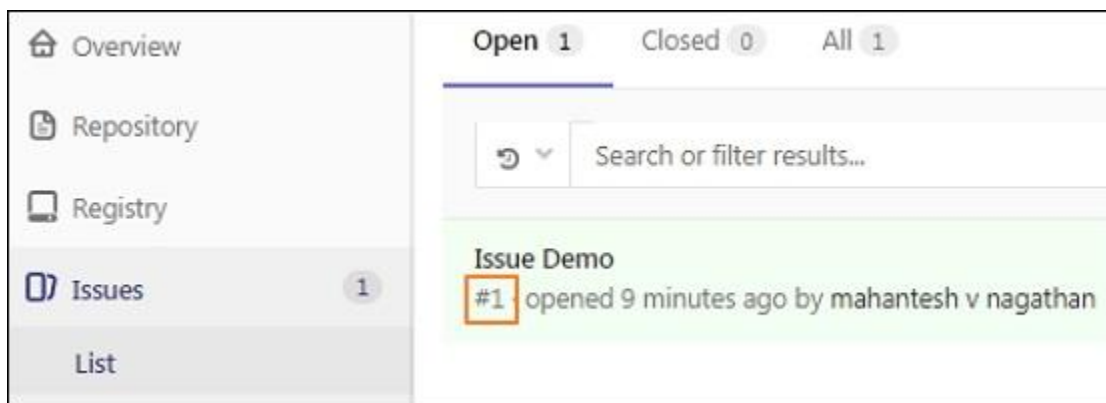


Referencing Issues

GitLab can be able to refer the specific issue from the commit message to solve a specific problem. In this chapter, we will discuss about how to reference a issue in the GitLab –

Step 1 – To reference a issue, you need to have an issue number of a created issue.

Step 2 – To see the created issue, click on the *List* option under *Issues* tab –



Step 3 – Before making the changes in your local repository, check whether it is up to date or not by using the below command –

```
git checkout master && git pull
```

```
C:\first-gitlab-project>git checkout master && git pull
Switched to branch 'master'
Your branch is up-to-date with 'origin/master'.
```

The *git pull* command downloads the latest changes from the remote server and integrates directly into current working files.

Step 4 – Now, create a new branch with the name *issue-fix* by using the *git checkout* command –

```
git checkout -b issue-fix
```

```
C:\first-gitlab-project>git checkout -b issue-fix
Switched to a new branch 'issue-fix'
```

Step 5 – Now, add some content to the *README.md* file to fix the bug –

```
echo "fix this bug" >> README.md
```

Step 6 – Enter the commit message for the above change with the below command –

```
git commit -a
```

This command opens the below screen and press *Insert* key on the keyboard to add a commit message for the *issue-fix* branch.

```
Fixes #1_
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
# On branch issue-fix
# Changes to be committed:
#   modified:   README.md
#
# Untracked files:
#   READMEFile.md
#
C:\first-gitlab-project\.git\COMMIT_EDITMSG[+] [dos] <15:52 26/02/2018
-- INSERT --
```

Now press the *Esc* key, then colon(:) and type *wq* to save and exit from the screen.

Step 7 – Now push the branch to remote repository by using the below command –

```
git push origin issue-fix
```

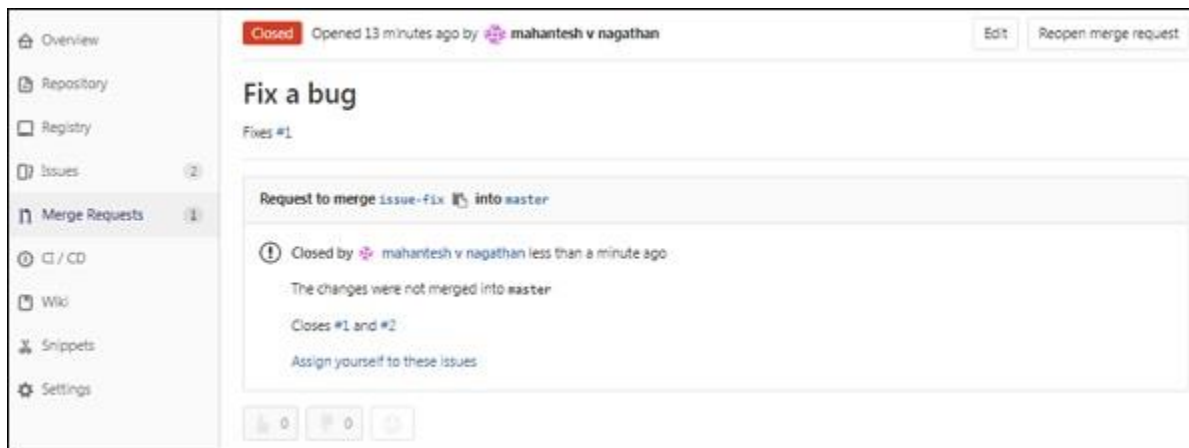
```

C:\first-gitlab-project>git push origin issue-fix
Username for 'https://gitlab.com': mantu1904
Password for 'https://mantu1904@gitlab.com':
Counting objects: 8, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 294 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
remote:
remote: To create a merge request for issue-fix, visit:
remote:   https://gitlab.com/mantu1904/first-gitlab-project/merge_requests/new?merge_request%5Bsource_branch%5D=issue-fix
remote:
To https://gitlab.com/mantu1904/first-gitlab-project.git
 * [new branch]      issue-fix -> issue-fix

```

Step 8 – Login to your GitLab account and create a new merge request.

Step 9 – Once you create the merge request, you will be redirected to the merge request page. When you click on the *Close merge request* button, you will see the Closed option after closing merge request.



Description

Milestones are used for arranging issues and merge requests into a determined group which can be achieved within a specified amount of time by setting a start and due date.

Steps for Creating Milestones

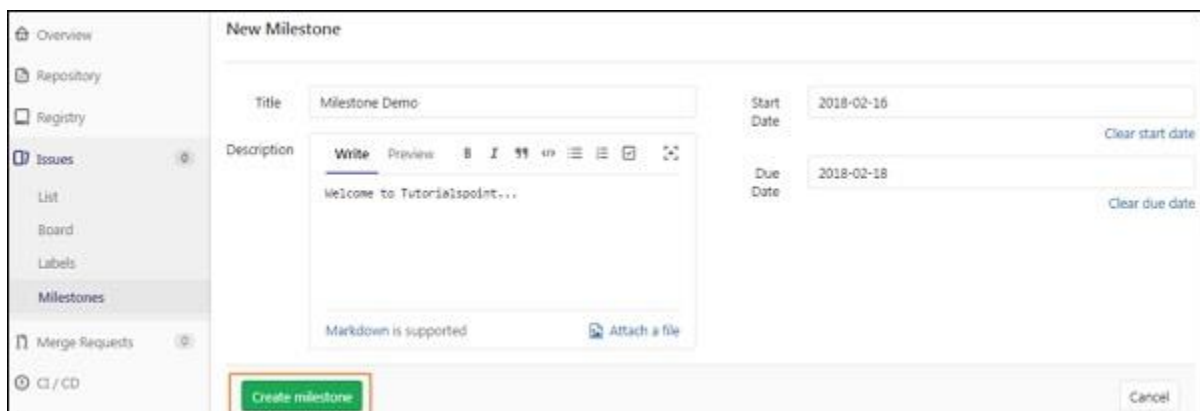
Step 1 – Login to your GitLab account, go to your project and click on the *Milestones* option under *Issues* tab –



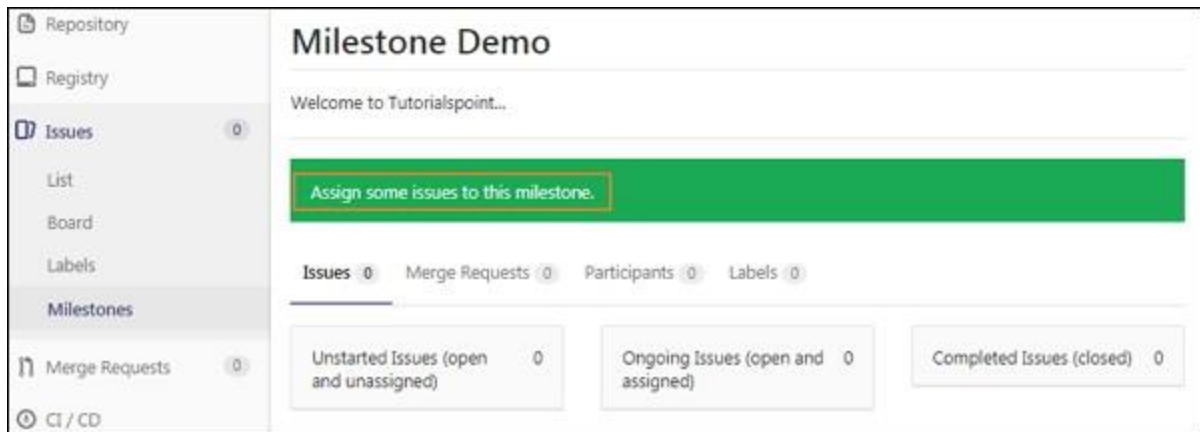
Step 2 – Click on the *New milestone* button –



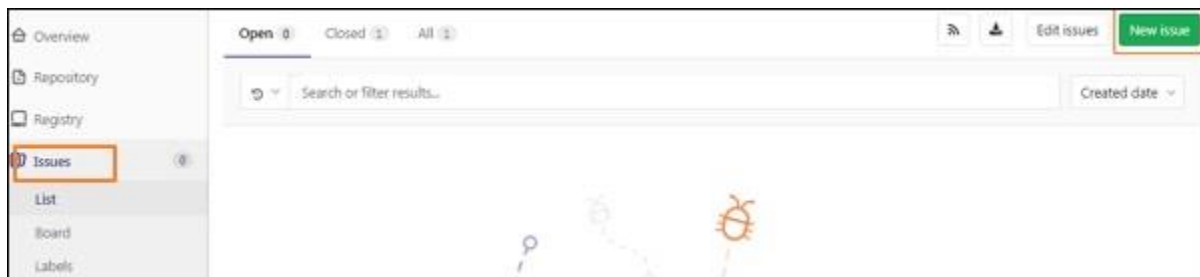
Step 3 – Now enter the title, description, start and due date and click on *Create milestone* button as shown in the below image –



Step 4 – After creating a milestone, it will display a message saying 'Assign some issues to this milestone' as shown below –



Step 5 – Now go to *Issues* tab and click on the *New issue* button to create an issue for the milestone –



Step 6 – Now, fill the information such as title, description and if you want, you can select a user to assign an issue, milestone, labels upon operation or could be choose by developers themselves later. Click on the *Submit issue* button.

New Issue

Title: Milestone Demo Issue

Add description templates to help your contributors communicate effectively!

Description: **Write** Preview

hello world...

Markdown and quick actions are supported.

☐ This issue is confidential and should only be visible to team members with at least Reporter access.

Assignee: Unassigned Assign to me Due date: Select due date

Milestone: No Milestone

Labels: Labels

Submit Issue

Step 7 – After creating a issue, you will get overview of an issue along with title and description. At right side, click on *Edit* option and assign milestone for the issue under *Milestone* section –

Milestone Demo Issue

hello world...

0 0 0

New branch unavailable

mahantesh v nagathan @mantu1504 changed milestone to Milestone Demo less than a minute ago

Write Preview

write a comment or drag your files here...

Markdown and quick actions are supported

Attach a file

Comment Close issue

Milestone Edit

Milestone

Assign milestone

Search milestones

No Milestone

Milestone Demo

Weight: None Edit

Confidentiality: Not confidential Edit

Lock issue: Unlocked Edit

1 participant

Step 8 – Now go back to Milestones section and you will see the added milestone along with created issue –



Description

Wiki is a system for maintaining documentation for a project in the GitLab. It is like a Wikipedia which can be editable and given permissions to manage the wiki pages. A *Guest* can view a wiki page and *Developer* can create and edit a wiki page.

Steps for Creating Wiki Page

Step 1 – Login to your GitLab account, go to your project and click on the *Wiki* tab –



Step 2 – Now enter the title, format, fill the content section, add a commit message and then click on the *Create page* button –

Home · Create Page New page

Title
Wiki Demo Page

Format
Markdown

Content

Write Preview B I

welcome to Tutorialspoint...

Markdown is supported Attach a file

To link to a (new) page, simply type `[Link Title](page-slug)`. More examples are in the documentation.

Commit message
Creating first wiki page

Create page Cancel

Step 3 – You will get newly created wiki page as shown in the below image –

Wiki was successfully updated.

Wiki demo page New page Page history Edit

Last edited by mahantesh v nagathan in a while

Welcome to Tutorialspoint...