AIOPS Assignment 2

1. What is GIT and GitHub?

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Git is a version control system that allows developers and operations
teams to collaborate and keep track of the changes made on a project.
Git is software for tracking changes in any set of files, usually used
for coordinating work among programmers collaboratively developing
source code during software development.
```

2. What is a git repository?

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Repository is the centralized storage location.
Repositories in GIT contain a collection of files of various different
versions of a Project. These files are imported from the repository
into the local server of the user for further updations and
modifications in the content of the file. A VCS or the Version Control
System is used to create these versions and store them in a specific
place termed as a repository.
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3. What are the branches in GitHub?

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Branches allow you to work on different part of projects without
impacting the main branch. You always create a branch from an existing
branch. There are 2 types of branches 1. Local branch 2. Remote branch
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4. What do you mean by commit?

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The git commit command captures a snapshot of the project's currently
staged changes. Committed snapshots can be thought of as "safe"
versions of a project—Git will never change them unless you explicitly
ask it to.
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5. What is the command used to delete a branch?

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git branch -d <branchname>
```

6. What is the git-clone command used for?

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Git clone is used to copy an existing Git repository into a new local
directory.
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7. What is the difference between git pull and git fetch?

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Git fetch fetches the required information only to the local
repository. Git pull fetches the required information not only to the
local repository but also to the workspace that you are currently
working in.
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