	INSTITUTE OF MANAGEMENT AND RESEARCH, JALGAON
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	Expt. No. 48 Cubmitted as
*	Internal KS
	What is Caithub?
I Harry	american company. Cuithub also facilitates will
	american company. Crittub also facilitates with many of its features, such as access cooked
	its features, such as access control and collaboration. It
	provides a web-based graphical interface.
	different programming languages and keeps track of the various changes made by arrangement of
	different programming languages and languages
	various changes made by programmers. It offers both distributed version control and source and are
CALL PARTY	distributed version control and and anti-
THE	distributed version control and source code Management (scm) functionality of Git.
*	Features of Githubs-
	GilHillo Pa a standard I have
	Gittib is a place where programmers and designers work together. They collaborate, contribute and fixebugs together.
	together. they collaborate, contribute and fixbugs
	some of its significant features are as follows:
	1) Collaboration
	2) Integrated issue and bug tracking.
	3) Graphical supressed Lie 101
	3) Graphical representation of branches. 4) Git repositories hosting.
	5) Project Management 6) Team Management
	Code hosting
	8) Track and design tasks.
	( ) conversations
	10) Wikisc
*	Benefits of GitHub:
olete for :	
ithm	The key benefits of crittlub are as follows:-
Chart	1) It is easy to contribute to open-source projects via Github.
	utthub.
ramme Listing	2) It helps to create an excellent document.
iments	3) You can aftract recruiter by showing of your work. If you have a profile on Gittub, you will have a
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higher chance of being recruited.

4) It allows your work to get out there in front of the public.

5) You can track changes in your code across versions. \* Advantages of GitHub:-1) Similar to other online report services, guitar comes with a big benefit to have the content inputted in such a format without having to know another system. Ebroured markdown is another benefit of using GitHub. () Collaboration is another benefit of using Gittub. For people who do not remain in the same physical location.

4) You do not need to connect with your company's VPN as it is easier to dump with the collaboration feature of GitHub. \* Disadvantages of GitHub 8-1) GitHub does not come with private repositories. This is one of the disadvantages 2) Some employers and clients can only allow code on their private secure internal git as far as the matter of policy is 3) Pricing is another potential drawback of GitHub.
4) Some of the features and online repositories happen to be locked behind a sags paywall.

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	DEPARTMENT OF COMPUTER SCIENCE INSTITUTE OF MANAGEMENT AND RESEARCH, JALGAON
	Name Kowale Roshoni Vosant
n de	Expt. Title Clone the repository at https://aithub.com/KBCNMU.
and the	Class From Batch B2 Performed on
	Roll No. 48 Expt. No. 2 Submitted on
	Remarks Returned on
	A Introduction of Git?
	Git is an open-source distributed version control
	system. It is designed to handle minor to major projects
	fwith high speed and efficiency. It is developed to coor
4700 \ 27	The work among the developers. The version confid
A-1	allows us to track and work together with our team
	members at the same workspace.
	Crit is foundation of many services like Crittub and
	Gittab, but we can use git without any other Gitservi-
	ces. Grit can be used privately and publicaly.
。 数数	* Features of Git &-
	1) Open Source 3-
alisana)	Git is an open-source tool. It is released under
	the GPL (General Public License) license.
	2) Scalable
	3) Distributed
Assert	4) Security
A A	The state of the s
	c) supports non-linear development
	7) Reapphing and Herding
	10) Data Assurance
7450	a) al alian Aven o
	10) Maintain the clean history.
	* Benefits of Git ?-
	A CONTRACTOR OF THE PROPERTY O
nplete for :	1) Saves Time of Crit is lightning fast technology. Each commands takes only a few seconds to execute so we can
orithm	takes only a few seconds to execute so we can
w Chart	cave a lot of time as compared to login to
gramme Listing	Cittleb account and find out its features.
nulto	The second secon

2) offline Working:  One of the most important benefits of Git is that it support
one of the most important benefits of Git is that it support offline working. If we are facing internet connectivity issues, it will not affect our work.
offline working. It we are work
issues, it will not affect our work
3) Unda Mistakes:
one additional benefit of Crit is we can undo mistakes.
sometimes the undo can be a savior option for us
Remarks - A service of the service o
* What does Git do! 8 tip to controlled the
· Manage projects with Repositories
· clone a project to work on a local copy. · control and track changes with staging and committing. · Rul the latest version of a project to a local copy. · Push local updates to the main project.
· control and track changes with straings and ammilian
· Pull the latest version of a project to a least
Push local updates to the main final
in the roun project.
A Commands :-
1) Version = The
1) Version: This command is used to list the version history for the current branch
Syntax: \$ git version.
2) Help ?- This command is used to display all the information
about il used to display all the information
Compart gir.
about git.  syntax:- \$githelp.
3) clone: Git allows making a copy of solution !
from a repository. You can mater branch
individual branch buyising the
It creates a consider of the git clone command
cloning is the many clarify crit repository.
obtain a way!
such a copy of a central repository
3) clone 3- Git allows making a copy of only particular branch from a reposition. You can make a directory for the individual branch by using the git clone command.  It creates a copy of an existing Crit repository.  cloning is the most common way for developers to obtain a working copy of a central repository.  Syntax:-
\$git clone (Repository UH)
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	Class FYM Roll No. 4 Remarks —	e git adi ICA IS	Batch	hat File	For the report to commit t	nsitory. Us It your cha	se git co
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