		Hope Foundation's	
		<b>Finolex Academy of Management and Technology, Ratnagiri</b> <b>Information Technology Department</b>	
Subject name: DevOps Lab			Subject Code: ITL803
Class	BE IT	Semester – VIII (CBCGS)	Academic year: 2019-20
Name of Student			<b>QUIZ Score :</b>
Roll No		Assignment/Experiment No.	05
<b>Title: Perform version control on software/web site using various version control systems</b>			

**1.Course objectives applicable**

**LOB3.** To understand different Version Control tools like GIT, CVS or Mercurial

**2. Course outcomes applicable:**

**LO23-**Examine the different Version Control strategies

**3. Learning Objectives:**

1. Understand the Version Control System like GIT
2. Understand the controlling and keeping the software versions for later modifications.

**4. Practical applications of the assignment/experiment:** To automate the several tasks such as automatic building the code ,deploying the code and notifying the developer about build status via sms/email etc

**5. Prerequisites:**

1. Familiar with Linux os
2. Internet Access
3. Python IDE pycharm and git account

**6. Hardware Requirements:**

1. Internet Access with Browser
2. Access to root privileges on fedora 30

**7. Software Requirements:**

Git and python IDE pycharm

**8. Quiz Questions (if any): (Online Exam will be taken separately batchwise, attach the certificate/ Marks obtained)**

1. What is version controlling system?
2. What is git?
3. What are the benefits of VCS?

**9. Experiment/Assignment Evaluation:**

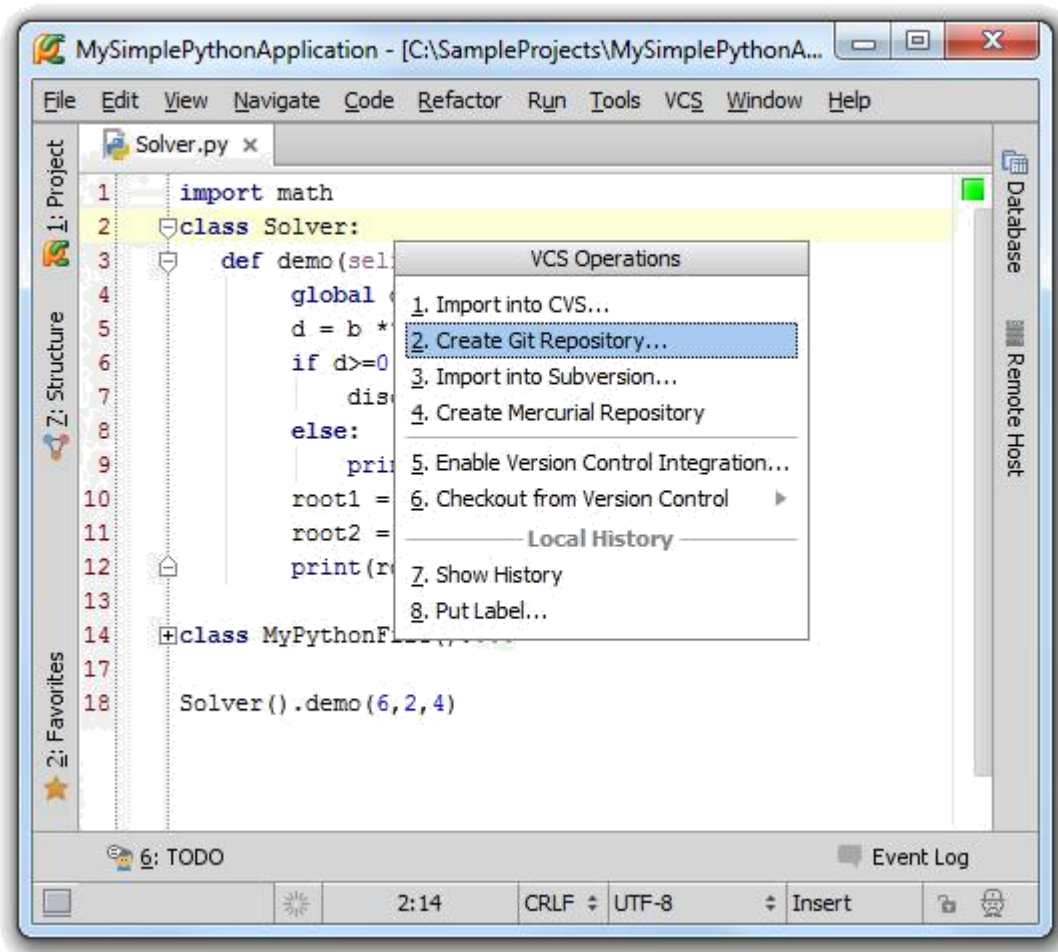
Sr. No.	Parameters	Marks obtained	Out of
1	Technical Understanding (Assessment may be done based on Q & A <u>or</u> any other relevant method.) Teacher should mention the other method used -		6
2	Neatness/presentation		2
3	Punctuality		2
Date of performance (DOP)		Total marks obtained	10
Date of checking (DOC)		Signature of teacher	

## 11. Installation Steps / Performance Steps –

### Creating a Git repository

Press Alt+` to show the the most popular VCS commands (same action is available on the main menu:

VCS→VCS Operations Popup). Then select Create Git repository:



## 14. References:

1. <https://www.atlassian.com/git/tutorials/what-is-version-control>
2. <https://www.perforce.com/blog/vcs/what-is-version-control>