DEPARTMENT OF CSE

Indian Institute of Technology Bhilai

CS200 — SOFTWARE TOOLS AND TECHNOLOGIES LAB-II

Quiz - 2
Set - I
February 20, 2023

Time: 15 mins

Maximum Marks: 10

Student's Name

Roll No.

- Instructions

    - Only one answer is correct
    - Each questions comprises of 1 mark

1. What is the git command to read type of git object?

    (a) `cat git-file <SHA1>`

    (b) `git cat <SHA1> type`

    (c) `git cat-file -p <file-name>`

    (d) `git cat-file -t <SHA1>`

2. How do you check the state of your local git repository since your last commit?

    (a) `git status -current`

    (b) `git status`

    (c) `git check`

    (d) `git diff -b`

3. What is the correct syntax to add a message to a commit?

4. What is a commit?

    (a) A snapshot of all the files in the repository.

    (b) A snapshot of just the changes from one time to the other.

    (c) A collection of branches.

    (d) Another name for a repository.

5. What is the command to merge the current branch with the branch "new-email"?

    (a) `git add new-email`

    (b) `git commit -merge new-email`

    (c) `git merge new-email`

    (d) None of the above

6. _____ git command is an alternative to `git checkout`

7. Write set of commands to create a branch `B` then merge branch `B` to `main`

8. In a git graph a tree has two edges to the same blob. What could that mean in terms of the content of the git repository._____

9. What is the shell command to create an empty file?_____

10. What is difference between `git checkout` and `git checkout -b`

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