

SET-A

## Academic Task (24251)



Name: \_\_\_\_\_

Roll No.: \_\_\_\_\_

Reg. No.: \_\_\_\_\_

Section: \_\_\_\_\_

**Academic Task Number: 2**

**Date of allotment: 21/9/2024**

**Date of submission: 26/9/2024**

**Academic Task Type: BYOD Practical 2**

**Course Code: INT331**

**Course Title: FUNDAMENTALS OF DEVOPS**

**Maximum Marks: 30**

**Max. Time: 50 Minutes**

Q. No.	Question Statement	Course Outcome	Bloom's level	Marks per Question
1	<p>Create a directory with name as &lt; student's last name _last4 digit reg no&gt;.</p> <p>Create three blobs inside that directory and name those blobs as following</p> <p>1 blob ---&lt;last Name_first two letters of regno.&gt;</p> <p>2 blob----&lt;First name_last two letters of reg no&gt;</p> <p>3 blob--- &lt;first name_last name &gt;</p> <p>(without creating files in working directory)</p> <p>Now perform the following tasks and write the steps/commands and upload the screen shot for every point.</p> <ol style="list-style-type: none"><li>1) Now move the blobs to staging area and then move the content to working directory. After it, create the first snapshot by giving the message as "&lt;student Name&gt; has done first commit"</li><li>2) Modify the content of 1st blob and create the second snapshot by giving the message as "&lt;Reg No.&gt; has done Second commit"</li><li>3) Delete all files from working directory and staging area and Create one file with filename as &lt;firstName_lastName&gt; and copy the hash code of both first and second snapshot inside it and then create the third snapshot.</li><li>4) Show the content of staging area, working directory and git repository.</li></ol>	CO2, CO3	Remember , Apply	30

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**Question1.**

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```
subha@DESKTOP-69F3IPN MINGW64 ~ (master)
$ mkdir Suryawanshi

subha@DESKTOP-69F3IPN MINGW64 ~ (master)
$ cd Suryawanshi

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "blob 1" | git hash-object -w --stdin
c18147dc648481eeb65dc5e66628429a64843327

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "blob 2" | git hash-object -w --stdin
git: 'hash-object' is not a git command. See 'git --help'.

The most similar command is
    hash-object

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "content of third blob" | git hash-object -w --stdin
b3c17012f071dc4f5a6f82d5545bb1257ad666

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "content of blob 2" | git hash-object -w --stdin
9b8dc12f383b8816e1c406dfc961f9b7abf0e1

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git init
Initialized empty Git repository in C:/Users/subha/Suryawanshi/.git/

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add Shash12 shank12 shashank
fatal: pathspec 'Shash12' did not match any files

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ touch Shash12 shank12 shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add Shash12 shank12 shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git commit -m "Shashank has done first commit"
[master (root-commit) 7782c17] Shashank has done first commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Shash12
create mode 100644 shank12
create mode 100644 shashank
```

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### Question 2

```
subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git rm -r --cached
error: unknown option `cached'
usage: git rm [-f | --force] [-n] [-r] [--cached] [--ignore-unmatch]
             [--quiet] [--pathspec-from-file=<file>] [--pathspec-file-nul]
             [--] [<pathspec>...]

    -n, --[no-]dry-run      dry run
    -q, --[no-]quiet        do not list removed files
    --[no-]cached           only remove from the index
    -f, --[no-]force        override the up-to-date check
    -r                      allow recursive removal
    --[no-]ignore-unmatch   exit with a zero status even if nothing matched
    --[no-]sparse           allow updating entries outside of the sparse-checkout cone
    --[no-]pathspec-from-file <file>
                           read pathspec from file
    --[no-]pathspec-file-nul
                           with --pathspec-from-file, pathspec elements are separated
                           with NUL character

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git rm -r --cached .
rm 'Shash12'
rm 'shank12'
rm 'shashank'

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "<hash_of_first_snapshot>" ><Shashank_suryawanshi>
bash: syntax error near unexpected token `<'

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "<hash_of_first_snapshot>"> shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "hash_of_second_snapshot"> >>Shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add Shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git commit -m "third snapshot done "
[master 34818d1] third snapshot done
```

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Section: \_\_\_\_\_

### Question 4:

```
subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "<hash_of_first_snapshot>" ><Shashank_suryawanshi>
bash: syntax error near unexpected token '<'

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "<hash_of_first_snapshot>"> shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "hash_of_second_snapshot"> >>Shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add Shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git commit -m "third snapshot done"
[master 34818d1] third snapshot done
3 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 Shash12
delete mode 100644 shank12
delete mode 100644 shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "new content for first blob"
new content for first blob

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "new content for first blob"> shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add subha12
fatal: pathspec 'subha12' did not match any files

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add shashank
warning: in the working copy of 'shashank', LF will be replaced by CRLF the next time
the Git touches it

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git commit -m "12206727 has done second commit"
[master bc9c711] 12206727 has done second commit
1 file changed, 1 insertion(+)
create mode 100644 shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$
```

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$ cd Suryawanshi

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c18147dc648481eeb65dc5e66628429a64843327

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$ echo "blob 2" | git hash-object -w --stdin
git: 'hash-object' is not a git command. See 'git --help'.

The most similar command is
  hash-object

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "content of third blob" | git hash-object -w --stdin
03c17012f071dcdc4f5a6f82d5545bb1257ad666

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ echo "content of blob 2" | git hash-object -w --stdin
9b8dc12f383b8816e1c406dfcff961f9b7abf0e1

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git init
Initialized empty Git repository in C:/Users/subha/Suryawanshi/.git/

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add Shash12 shank12 shashank
fatal: pathspec 'Shash12' did not match any files

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ touch Shash12 shank12 shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git add Shash12 shank12 shashank

subha@DESKTOP-69F3IPN MINGW64 ~/Suryawanshi (master)
$ git commit -m "Shashank has done first commit"
[master (root-commit) 7782c17] Shashank has done first commit
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Shash12
 create mode 100644 shank12
 create mode 100644 shashank
```