Lab -7

Vasu Kansal
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EXPERIMENT NO - 7
TITLE: Git Revert and Reset
Objective: -
Create a Local Git Repo.
Do Three Commits in Master Branch
Do Git Log to see commit ids
Do Git Revert to go to last committed code
Do Git Log to see the output
Make some more commits in file
Do Git Log to see recent commit ids
Do Git Reset
Do Git Log to see the output
10. Create Solution file and submit on Blackboard

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Vasu Kansal> cd C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7
Set-Location : A positional parameter cannot be found that accepts argument
'Kansal\Desktop\DevOps'.
At line:1 char:1
+ cd C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7
+ ~~~~~~
    + CategoryInfo   : InvalidArgument: (:) [Set-Location], ParameterBindingException
    + FullyQualifiedErrorId :
PositionalParameterNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\Users\Vasu Kansal> cd "C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7"
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git init
Initialized empty Git repository in C:/Users/Vasu Kansal/Desktop/DevOps
LAb/DevOps_Lab7/.git/
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> echo "File1">File1.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        File1.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git add .
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git commit -m "First commit"
[main (root-commit) 5cddcfb] First commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File1.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530

    First commit
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> echo "File2">File2.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        File2.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git add .
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git commit -m "Second commit"
[main 6c961ef] Second commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File2.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
commit 6c961ef92c74096937b9ca431a8fd976afd04bf1 (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:30 2022 +0530

    Second commit

commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530

    First commit
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> echo "File3">File3.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git status

On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
      File3.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git add .
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git commit -m "Third commit"
[main dd6e131] Third commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File3.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
commit dd6e13140685162a90051dd365c4fdd4e06e9f9f (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:59 2022 +0530

    Third commit

commit 6c961ef92c74096937b9ca431a8fd976afd04bf1
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:30 2022 +0530

    Second commit

commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530

    First commit
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git revert 6c961ef92c74096937b9ca431a8fd976afd04bf1
[main 2d14cf9] Revert "Second commit"
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 File2.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
commit 2d14cf9d6ef0c05ba38c0f0477f6e1013f14f2ba (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:24:49 2022 +0530

    Revert "Second commit"

    This reverts commit 6c961ef92c74096937b9ca431a8fd976afd04bf1.

commit dd6e13140685162a90051dd365c4fdd4e06e9f9f
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:59 2022 +0530

Third commit

commit 6c961ef92c74096937b9ca431a8fd976afd04bf1
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:30 2022 +0530

    Second commit

commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530

    First commit
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> echo "File 4">File4.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        File4.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git add .
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git commit -m "Fourth commit"
[main dbacbbd] Fourth commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File4.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
commit dbacbbd923a165af2247b80d3548ffe8d83dcd47 (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:26:26 2022 +0530

    Fourth commit

commit 2d14cf9d6ef0c05ba38c0f0477f6e1013f14f2ba
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:24:49 2022 +0530

    Revert "Second commit"

    This reverts commit 6c961ef92c74096937b9ca431a8fd976afd04bf1.

commit dd6e13140685162a90051dd365c4fdd4e06e9f9f
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:59 2022 +0530

    Third commit

commit 6c961ef92c74096937b9ca431a8fd976afd04bf1
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:30 2022 +0530

    Second commit

commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530

    First commit

PS C:\Users\Vasu Kansal> cd "C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7"
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
commit dbacbbd923a165af2247b80d3548ffe8d83dcd47 (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:26:26 2022 +0530

    Fourth commit

commit 2d14cf9d6ef0c05ba38c0f0477f6e1013f14f2ba
Author: Vasu Kansal <vasu12b8075@gmail.com>
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    Revert "Second commit"

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commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git reset
dd6e13140685162a90051dd365c4fdd4e06e9f9f
Unstaged changes after reset:
D   File2.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log

commit dd6e13140685162a90051dd365c4fdd4e06e9f9f (HEAD -> main)
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:59 2022 +0530

    Third commit

commit 6c961ef92c74096937b9ca431a8fd976afd04bf1
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:22:30 2022 +0530

    Second commit

commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date: Tue Sep 27 16:21:50 2022 +0530

    First commit

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Author: Vasu Kansal <vasu12b8075@gmail.com>
Date:   Tue Sep 27 16:22:30 2022 +0530

    Second commit

commit 5cddcfb884f82c4e341d4dc20810739a39b6c7bf
Author: Vasu Kansal <vasu12b8075@gmail.com>
Date:   Tue Sep 27 16:21:50 2022 +0530
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git reset dd6e13140685162a90051dd365c4fdd4e06e9f9f
Unstaged changes after reset:
D       File2.txt
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7> git log
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Author: Vasu Kansal <vasu12b8075@gmail.com>
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commit 6c961ef92c74096937b9ca431a8fd976afd04bf1
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Author: Vasu Kansal <vasu12b8075@gmail.com>
Date:   Tue Sep 27 16:21:50 2022 +0530

    First commit
PS C:\Users\Vasu Kansal\Desktop\DevOps LAb\DevOps_Lab7>
```