

SESSION-1

```

PS A:\FSAD> git config --global user.name "likitha"
>> git config --global user.email "likkireddy90141@email.com"
>> git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=likitha
user.email=likkireddy90141@email.com
PS A:\FSAD>

```

```

PS A:\my first git project> git config --global user.name "likitha harshini"
>> git config --global user.email "likkireddy9014@gmail.com"
PS A:\my first git project> git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=likitha harshini
• user.email=likkireddy9014@gmail.com
git init
Initialized empty Git repository in A:/my first git project/.git/
○ PS A:\my first git project>

```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + v

PS A:\my first git project> git config --global user.name "likitha harshini"
>> git config --global user.email "likkireddy9014@gmail.com"
PS A:\my first git project> git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=likitha harshini
• user.email=likkireddy9014@gmail.com git init
• Initialized empty Git repository in .git/
  On branch master
it project>

No commits yet

nothing to commit (create/copy files and use "git add" to track)
○ PS A:\my first git project> █
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + v

PS A:\my first git project> git config --global user.name "likitha harshini"
>> git config --global user.email "likkireddy9014@gmail.com"
PS A:\my first git project> git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=likitha harshini
• user.email=likkireddy9014@gmail.com git init
• Initialized empty Git repository in .git/
  On branch master
it project>

No commits yet

nothing to commit (create/copy files and use "git add" to track)
○ PS A:\my first git project> █
```

powershell + ▾ [] [] ... | [] X

```
PS A:\my first git project> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
nothing added to commit but untracked files present (use "git add" to track)
PS A:\my first git project> git add .
PS A:\my first git project> git commit -m "Initial commit"
[master (root-commit) 886eb61] Initial commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.md
PS A:\my first git project>
```

SESSION-2

Time	Action	Response	Duration / Fetch Time
17:26:41	CREATE DATABASE fulstack	1 row(s) affected	0.0032 sec
17:26:41	USE fulstack	0 row(s) affected	0.00038 sec

Time	Action	Response	Duration / Fetch Time
17:26:41	CREATE DATABASE fulstack	1 row(s) affected	0.0032 sec
17:26:41	USE fulstack	0 row(s) affected	0.00038 sec
17:28:46	CREATE TABLE Students (VTU_Number VARCHAR(20) PRIMARY KEY, Name VARCHAR(100), Email VARCHAR(100), Phone VARCHAR(20))	0 row(s) affected	0.042 sec
17:29:27	CREATE TABLE Courses (Course_Code VARCHAR(10) PRIMARY KEY, Course_Name VARCHAR(100), Faculty_Id INT, Student_ID VARCHAR(20))	Error Code: 1824. Failed to open the referenced table...	0.0039 sec
17:29:50	CREATE TABLE Courses (Course_Code VARCHAR(10) PRIMARY KEY, Course_Name VARCHAR(100), Faculty_Id INT, Student_ID VARCHAR(20))	0 row(s) affected	0.010 sec

Time	Action	Response	Duration / Fetch Time
17:26:41	CREATE DATABASE fulstack	1 row(s) affected	0.0032 sec
17:26:41	USE fulstack	0 row(s) affected	0.00038 sec
17:28:46	CREATE TABLE Students (VTU_Number VARCHAR(20) PRIMARY KEY, Name VARCHAR(100), Email VARCHAR(100), Phone VARCHAR(20))	0 row(s) affected	0.042 sec
17:29:27	CREATE TABLE Courses (Course_Code VARCHAR(10) PRIMARY KEY, Course_Name VARCHAR(100), Faculty_Id INT, Student_ID VARCHAR(20))	Error Code: 1824. Failed to open the referenced table...	0.0039 sec
17:29:50	CREATE TABLE Courses (Course_Code VARCHAR(10) PRIMARY KEY, Course_Name VARCHAR(100), Faculty_Id INT, Student_ID VARCHAR(20))	0 row(s) affected	0.010 sec
17:31:02	INSERT INTO Students VALUES ('1MS23CS001', 'Arjun Kumar', 'arjun@mail.com', '9845011223', 'CSE'), ('1MS23CS002', 'Sneha Rao', 'sneha@mail.com', '9845011224', 'CSE')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.011 sec
17:31:20	INSERT INTO Courses VALUES ('CS101', 'Database Management', 101, '1MS23CS001', 'prof_smith@vtu.edu'), ('IS202', 'Data Structures', 102, '1MS23CS002', 'prof_jones@vtu.edu')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.0024 sec

VTU_Number	Name	Email	Phone	Department
1MS23CS001	Arjun Kumar	arjun@mail.com	9845011223	CSE
1MS23CS003	Rahul Nair	rahul@mail.com	9845033445	CSE
NULL	NULL	NULL	NULL	NULL

Course_Code	Course_Name	Faculty_Id	Student_ID	Faculty_Email
IS202	Data Structures	102	1MS23CS002	prof_jones@vtu.edu
CS101	Database Management	101	1MS23CS001	prof_smith@vtu.edu
EC301	Digital Electronics	103	1MS23CS004	prof_kumar@vtu.edu
CS103	Operating Systems	101	1MS23CS003	prof_smith@vtu.edu
IS204	Web Programming	104	1MS23CS005	prof_leila@vtu.edu
NULL	NULL	NULL	NULL	NULL

Name	Email
Arjun Kumar	arjun@mail.com
Sneha Rao	sneha@mail.com
Rahul Nair	rahul@mail.com
Priya Das	priya@mail.com
Amit Singh	amit@mail.com

VTU_Number	Name	Email	Phone	Department
1MS23CS001	Arjun Kumar	arjun@mail.com	9845011223	CSE
1MS23CS002	Sneha Rao	sneha@mail.com	9845022334	IT
1MS23CS003	Rahul Nair	rahul@mail.com	9845033445	CSE
NULL	NULL	NULL	NULL	NULL

Department	Total_Stude...
CSE	2
IT	2

SESSION-3

Course_Code	Course_Name	Faculty_Id	Student_ID	Faculty_Email
CS101	Database Management	101	1MS23CS001	prof_smith@vtu.edu
CS103	Operating Systems	101	1MS23CS003	prof_smith@vtu.edu
EC301	Digital Electronics	103	1MS23CS004	prof_kumar@vtu.edu
IS202	Data Structures	102	1MS23CS002	prof_jones@vtu.edu
IS204	Web Programming	104	1MS23CS005	prof_leila@vtu.edu
NULL	NULL	NULL	NULL	NULL

MAX(Faculty_Id)
104

VTU_Number	Name	Email	Phone	Department
1MS23CS005	Amit Singh	amit@mail.com	9845055667	IT
1MS23CS004	Priya Das	priya@mail.com	9845044556	ECE
1MS23CS003	Rahul Nair	rahul@mail.com	9845033445	CSE
1MS23CS002	Sneha Rao	sneha@mail.com	9845022334	IT
1MS23CS001	Arjun Kumar	arjun@mail.com	9845011223	CSE

VTU_Number	Name	Email	Phone	Department
1MS23CS002	Sneha Rao	sneha@mail.com	9845022334	IT
1MS23CS005	Amit Singh	amit@mail.com	9845055667	IT

VTU_Number	Name	Course_Name	Faculty_Email
1MS23CS001	Arjun Kumar	Database Management	prof_smith@vtu.edu
1MS23CS002	Sneha Rao	Data Structures	prof_jones@vtu.edu
1MS23CS003	Rahul Nair	Operating Systems	prof_smith@vtu.edu
1MS23CS004	Priya Das	Digital Electronics	prof_kumar@vtu.edu
1MS23CS005	Amit Singh	Web Programming	prof_leila@vtu.edu

SESSION-4

Course_Name	COUNT(Student_I...
Database Management	1
Operating Systems	1
Digital Electronics	1
Data Structures	1
Web Programming	1

✓	18	17:40:31	SELECT * FROM Stu...	5 row(s) returned	0.00055 sec / 0.0000...
✓	19	17:41:38	SELECT * FROM Stu...	2 row(s) returned	0.00080 sec / 0.000...
✓	20	17:42:51	SELECT s.VTU_Num...	5 row(s) returned	0.0015 sec / 0.00001...
✓	21	17:44:24	SELECT Course_Na...	5 row(s) returned	0.0014 sec / 0.00000...
✓	22	17:45:27	CREATE TABLE Facul...	5 row(s) affected Records: 5 Duplicates: 0 Warnings...	0.034 sec

✓	20	17:42:51	SELECT s.VTU_Num...	5 row(s) returned	0.0015 sec / 0.00001...
✓	21	17:44:24	SELECT Course_Na...	5 row(s) returned	0.0014 sec / 0.00000...
✓	22	17:45:27	CREATE TABLE Facul...	5 row(s) affected Records: 5 Duplicates: 0 Warnings...	0.034 sec
✗	23	17:45:29	CREATE TABLE Facul...	Error Code: 1050. Table 'FacultyCourses' already exists	0.0031 sec
✗	24	17:45:43	CREATE TABLE Facul...	Error Code: 1050. Table 'FacultyCourses' already exists	0.00072 sec
✓	25	17:47:18	UPDATE Students SE...	2 row(s) affected Rows matched: 2 Changed: 2 Warn...	0.0057 sec

✓	27	17:48:18	UPDATE Students SE...	1 row(s) affected Rows matched: 1 Changed: 1 Warn...	0.0011 sec
✓	28	17:48:18	COMMIT	0 row(s) affected	0.00081 sec
✓	29	17:48:53	START TRANSACTION	0 row(s) affected	0.00033 sec
✓	30	17:48:53	SAVEPOINT sp1	0 row(s) affected	0.00050 sec
✓	31	17:48:53	UPDATE Students SE...	1 row(s) affected Rows matched: 1 Changed: 1 Warni...	0.00051 sec
✓	32	17:48:53	ROLLBACK TO sp1	0 row(s) affected	0.00029 sec
✓	33	17:48:53	COMMIT	0 row(s) affected	0.00020 sec
✓	34	17:49:26	CREATE FUNCTION...	0 row(s) affected	0.0092 sec

AddNumbers(10,2...
30

SESSION-5

✓	31	17:48:53	UPDATE Students SE...	1 row(s) affected Rows matched: 1 Changed: 1 Warni...	0.00051 sec
✓	32	17:48:53	ROLLBACK TO sp1	0 row(s) affected	0.00029 sec
✓	33	17:48:53	COMMIT	0 row(s) affected	0.00020 sec
✓	34	17:49:26	CREATE FUNCTION...	0 row(s) affected	0.0092 sec
✓	35	17:50:09	SELECT AddNumber...	1 row(s) returned	0.0043 sec / 0.0000...
✓	36	17:51:16	CREATE FUNCTION...	0 row(s) affected	0.0046 sec

GetStudentDept('1MS23CS0...

CSE