Install MySQL Database

#sudo apt-get update

#sudo apt-get upgrade

#sudo apt-get install mysql-server

#sudo –s

#mysql –u root –p

#show databases;

#create databases IT610DB;

#show databases;

#use IT610DB;

#create table students;

```
#create table students(id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,name VARCHAR(50),SSN
VARCHAR(12), semester VARCHAR(10), class VARCHAR(5), teacher VARCHAR(30), email
VARCHAR(40), signup_date DATE);
#SHOW TABLES;
#DESCRIBE students;
# INSERT INTO students (name, SSN, semester, class, teacher, email, signup_date) VALUES
('Mark William', '123-02-2349', 'SP 2018', 'CS657', 'Tom Price', 'mw@njit.edu', '2018-01-
01');
#SELECT * FROM students;
```

Bash Script backup

```bash
#!/bin/bash
database="IT610DB"
db_host="localhost"
#db_port="3306"
db_user="root"
db_pass="XXXXX"
backup_dir="/home/backups/db/"
datetime=$(date +'%Y-%m-%dT%H:%M:%S')
#backup_dir="${backup_parent_dir}/${datetime}"
#backup_user="root"
mkdir - p "${backup_dir}"
chmod 700 "${backup_dir}"

# Get MySQL database

# Dump database into SQL file
mysqldump --user=$db_user --password=$db_pass --host=$db_host $db_name >
$backup_dir/$database-$datetime.sq


echo "backup successful created $mysqldump"
# Delete backup files older than 7 days
  #  find $backup_dir/* -mtime +7 -exec rm{} \;

find /home/backups/db -type f -name '*.sql' -mmin  +2 -delete
echo "Removed backup files older than 2 minutes"
```