

Cyber Forensics and law

Aim: Write a program to take backup of mysql database.

Source Code:

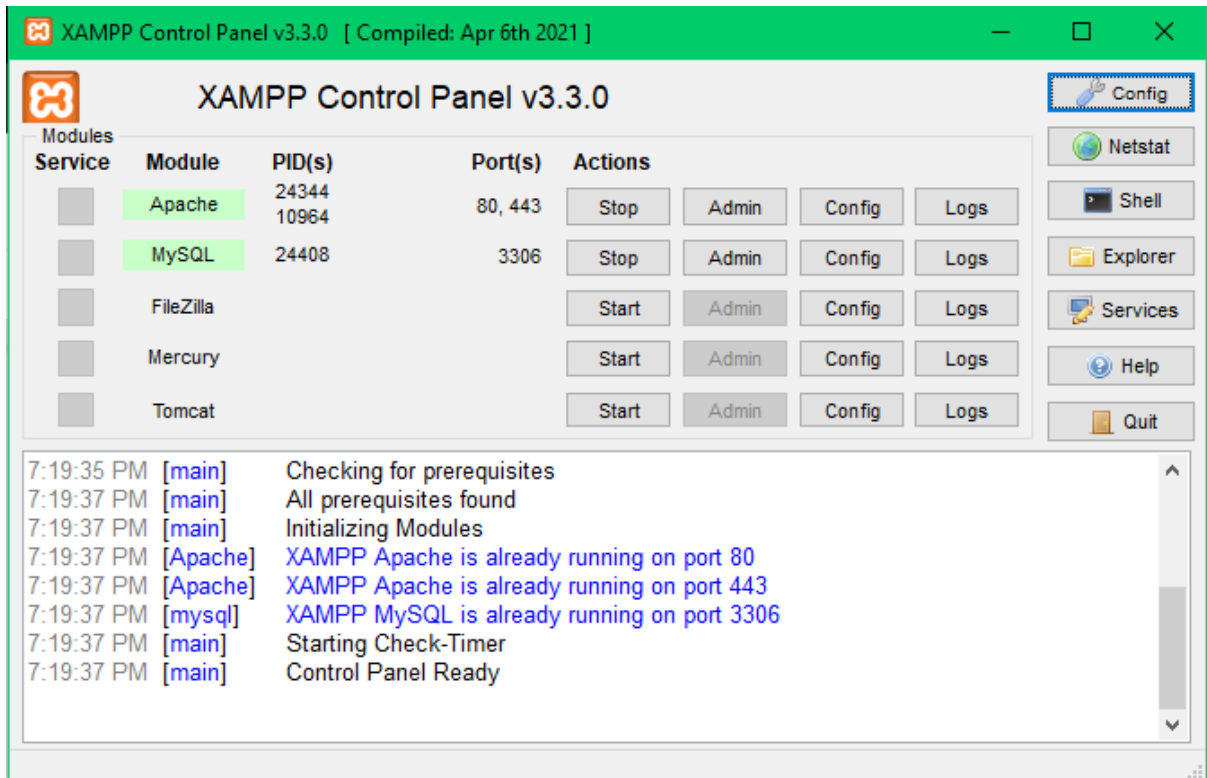
```
public class backup
{
    public void backupDB(String path)
    {
        String executeCmd="C:/xampp/mysql/bin/mysqldump.exe -u root -B
students -r"+path;
        System.out.println(executeCmd);
        Process runtimeProcess;
        try
        {
            runtimeProcess = Runtime.getRuntime().exec(new
String[]{"cmd.exe","/c",executeCmd});
            int processComplete = runtimeProcess.waitFor();
            System.out.println(processComplete);

            if(processComplete==0)
            {
                System.out.println("Backup Created Successfully!");
            }
            else
            {
                System.out.println("Couldn't Create the backup!");
            }
        }
        catch(Exception ex)
        {
            ex.printStackTrace();
        }
    }

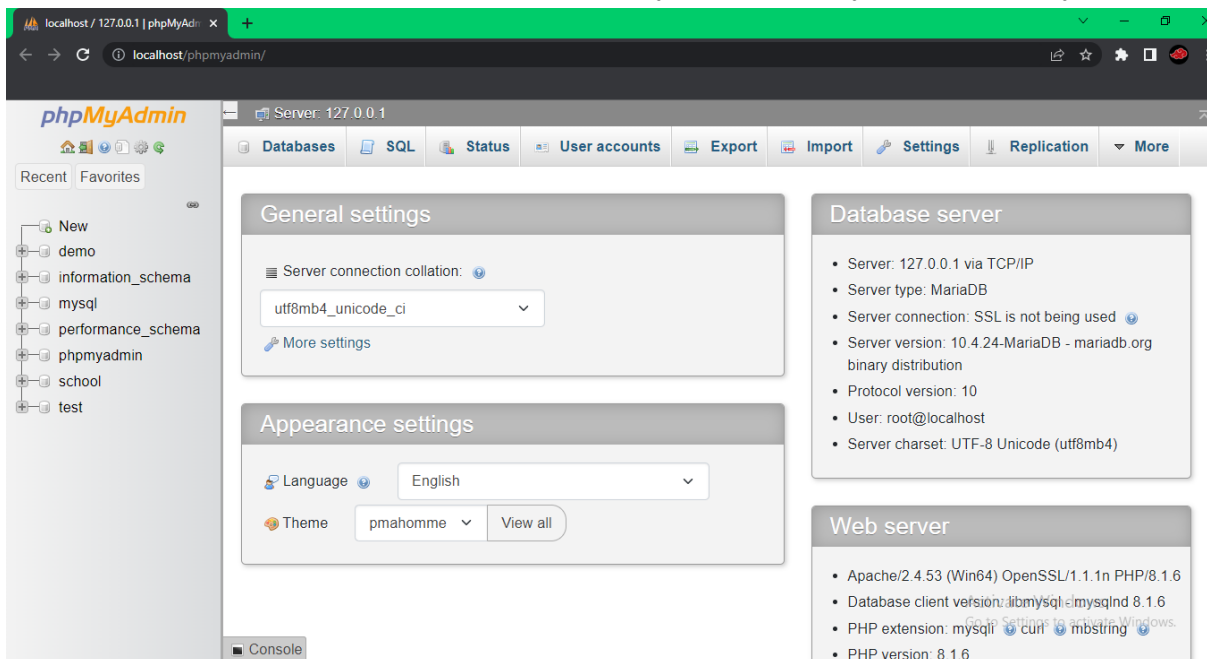
    public static void main(String args[])
    {
        new backup().backupDB("D:/Practical/CFL/db1.sql");
    }
}
```

Steps:

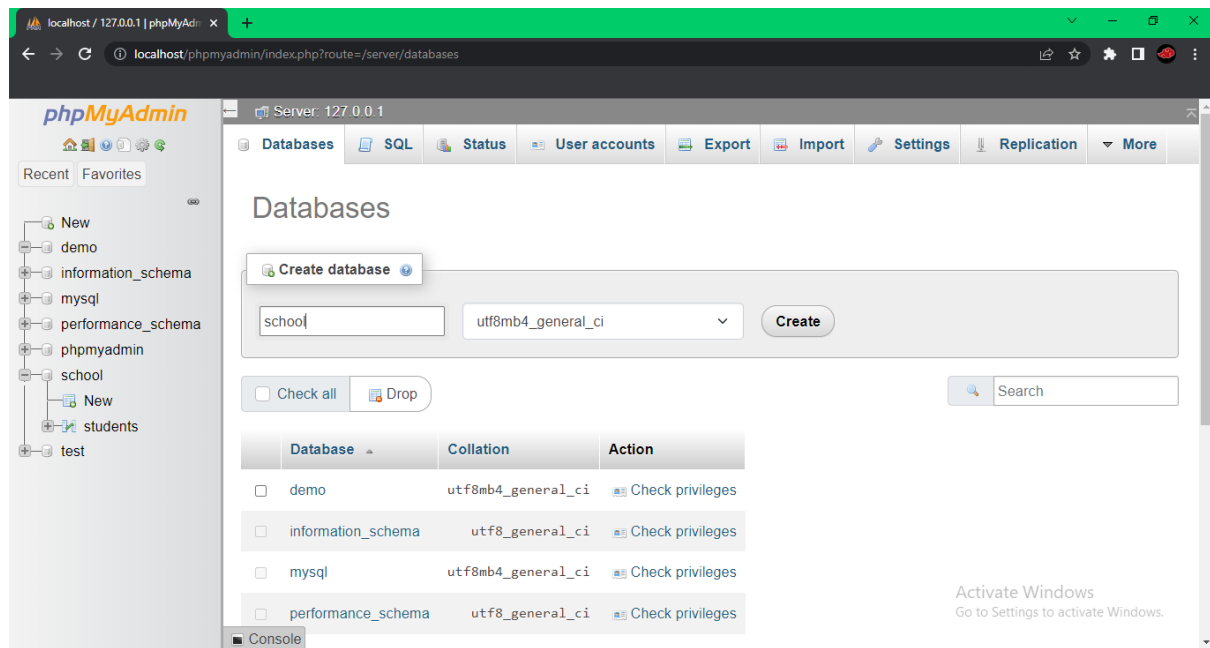
1.Download Xampp Server, Open Xampp Control Panel and start Apache and mysql server



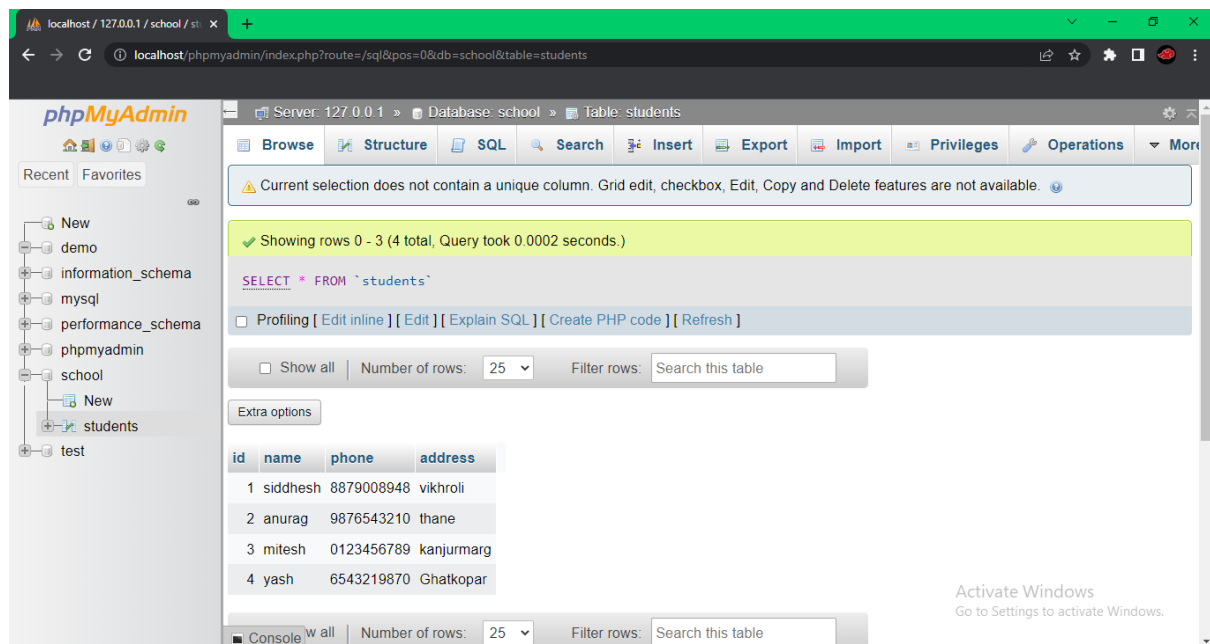
2. After Start of both the server click on Admin of mysql it will take you to the phpmyadmin



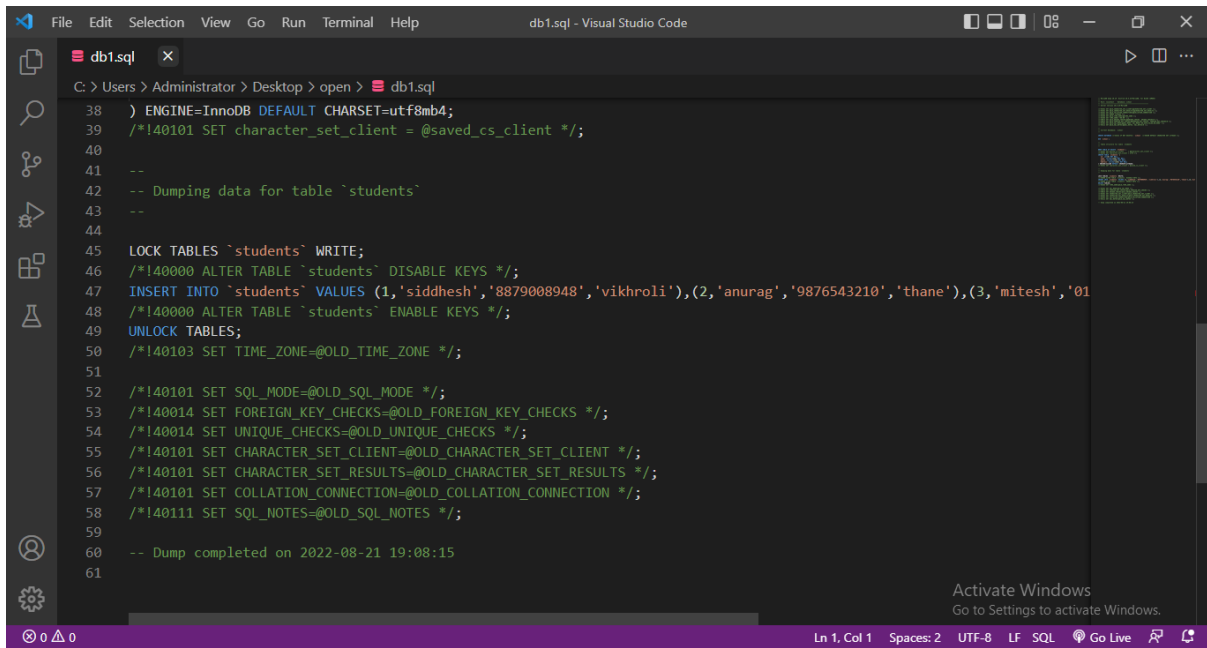
3. Create a new Database



4. Create a new Table then insert columns and data



Output:



```
C:\Users\Administrator\Desktop> open db1.sql

38 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
39 /*!40101 SET character_set_client = @saved_cs_client */;
40
41 --
42 -- Dumping data for table `students`
43 --
44
45 LOCK TABLES `students` WRITE;
46 /*!40000 ALTER TABLE `students` DISABLE KEYS */;
47 INSERT INTO `students` VALUES (1,'siddhesh','8879008948','vikhroli'),(2,'anurag','9876543210','thane'),(3,'mitesh','01
48 /*!40000 ALTER TABLE `students` ENABLE KEYS */;
49 UNLOCK TABLES;
50 /*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;
51
52 /*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
53 /*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
54 /*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
55 /*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
56 /*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
57 /*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
58 /*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
59
60 -- Dump completed on 2022-08-21 19:08:15
61
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 2 UTF-8 LF SQL Go Live