

## Cyberforensic and Law (Mini Project)

**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();
    }

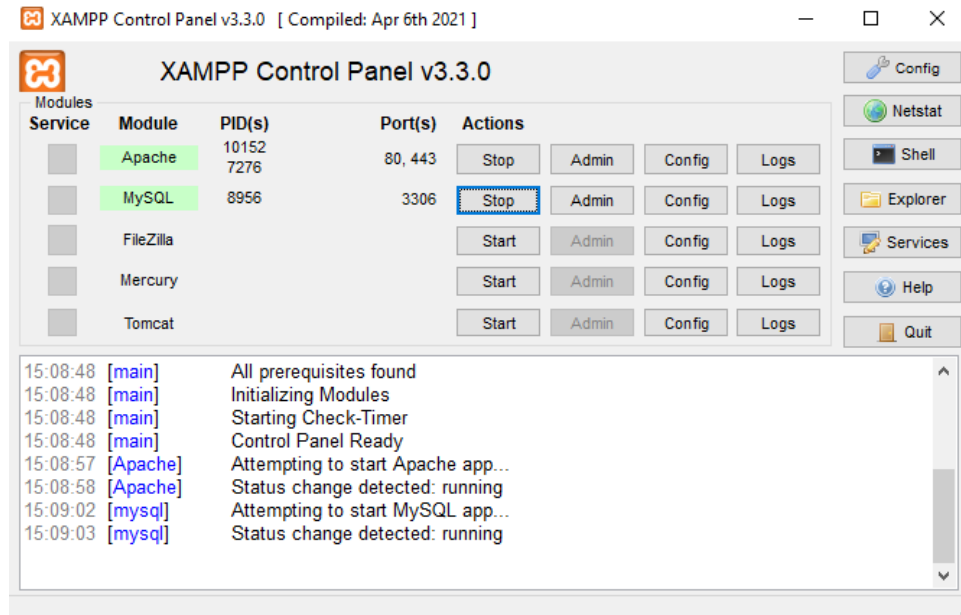
}

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

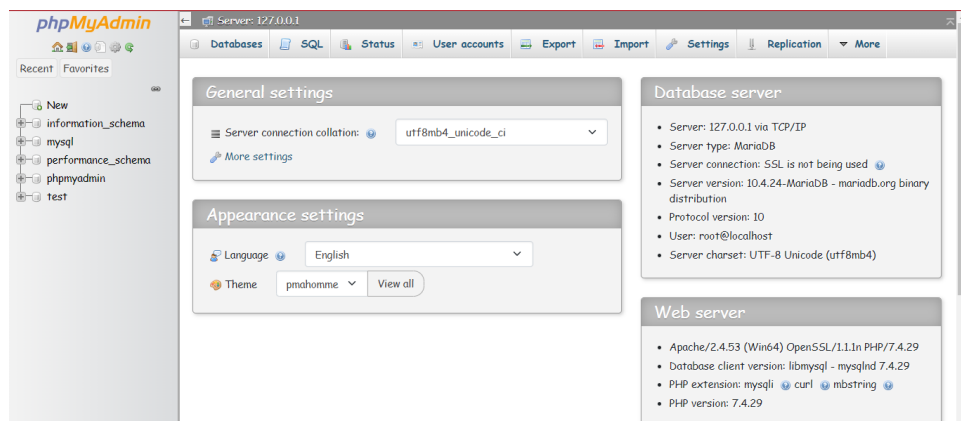
```

### **Steps:**

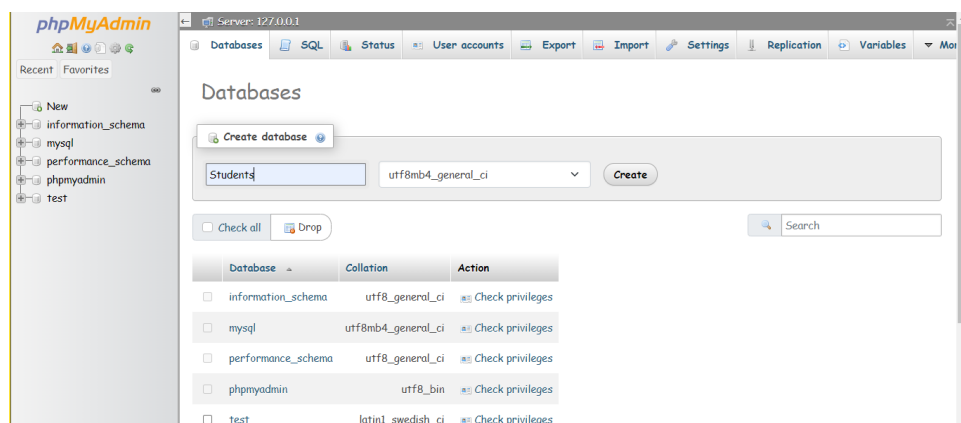
1. Download Xampp Server, Open Xampp Control Panel and start Apache and mysql server



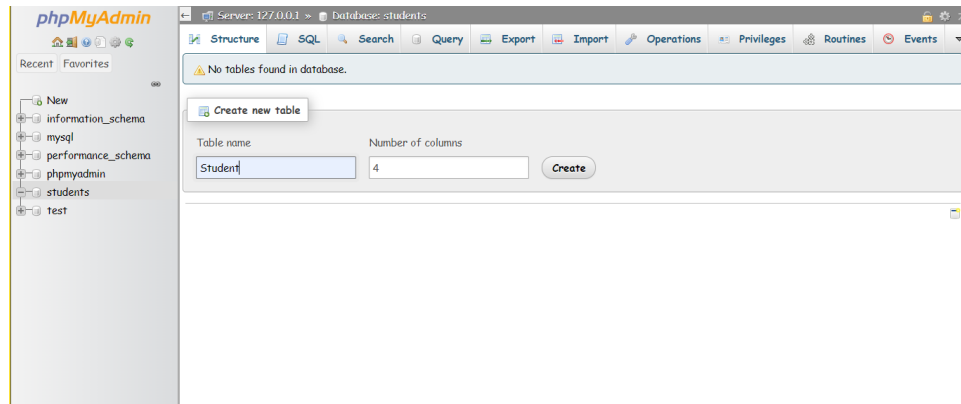
2. After Start of both the server click on Admin of mysql it will take you to the phpmyadmin



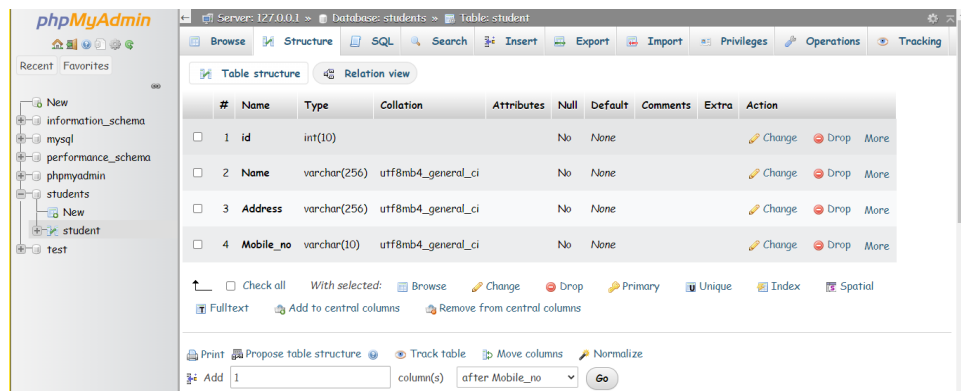
3. Create a new Database



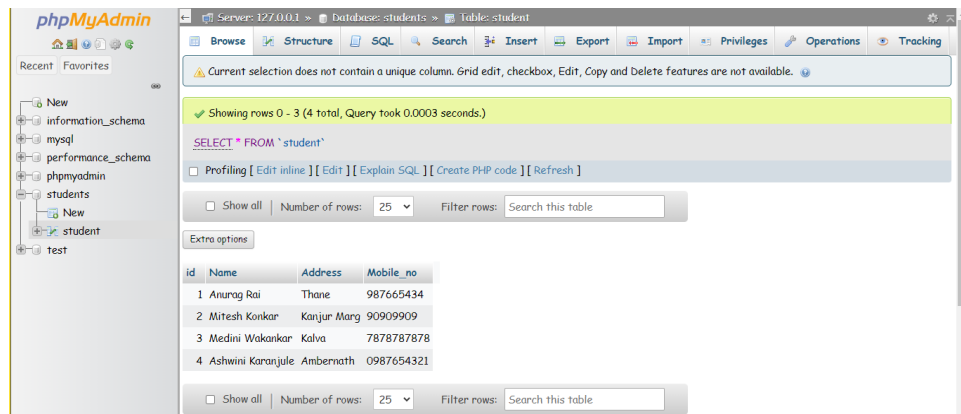
## 4. Create a new Table



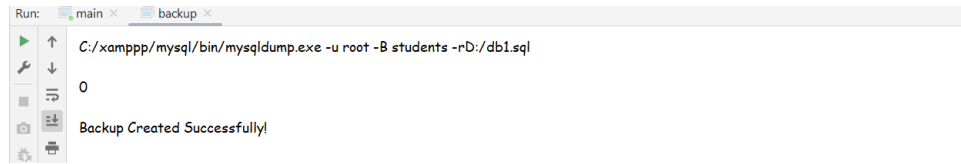
## 5. Insert Columns in the table



## 6. Insert Data in the table

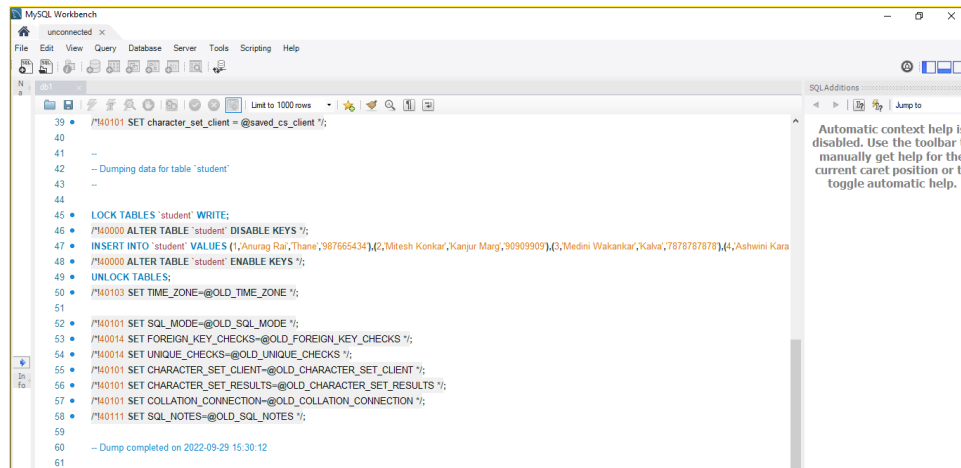


## Output:



```
Run: main x backup x
C:/xampp/mysql/bin/mysqldump.exe -u root -B students -rD:/db1.sql
0
Backup Created Successfully!
```

## (The Backup database will look like this)



```
MySQL Workbench
unconnected x
File Edit View Query Database Server Tools Scripting Help
db1
Limit to 1000 rows
39 • /*H0101 SET character_set_client = @saved_cs_client */;
40
41 --
42 -- Dumping data for table 'student'
43 --
44
45 • LOCK TABLES `student` WRITE;
46 • /*H0000 ALTER TABLE `student` DISABLE KEYS */;
47 • INSERT INTO `student` VALUES (1,'Anurag Rai','Thane','987665434'),(2,'Mitesh Konkar','Kanjur Marg','90909909'),(3,'Medini Wakankar','Kava','78787878'),(4,'Ashwini Kara
48 • /*H0000 ALTER TABLE `student` ENABLE KEYS */;
49 • UNLOCK TABLES;
50 • /*H0103 SET TIME_ZONE=@OLD_TIME_ZONE */;
51
52 • /*H0101 SET SQL_MODE=@OLD_SQL_MODE */;
53 • /*H0014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
54 • /*H0014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
55 • /*H0101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
56 • /*H0101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
57 • /*H0101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
58 • /*H0111 SET SQL_NOTES=@OLD_SQL_NOTES */;
59
60 -- Dump completed on 2022-09-29 15:30:12
61
```