

1. Add participant

```
//Getting the values from user and insert data into the table
$tuple = array (
    ":bind1" => $_POST['insID'],
    ":bind2" => $_POST['insName'],
    ":bind3" => $_POST['insEmail'],
    ":bind4" => $_POST['insSchool'], );
$alltuples = array ( $tuple );
executeBoundSQL("insert into Participant values (:bind1,
:bind2, :bind3, :bind4)", $alltuples);
```

2. Delete guest

```
DELETE FROM Guest WHERE gname="" . $_POST['delName'] . ""
```

3. Update workshop

```
$old_name = $_POST['oldName'];
$new_name = $_POST['newName'];
executePlainSQL("UPDATE Workshop SET roomNum="" . $new_name . ""
WHERE title="" . $old_name . """);
```

4. Get the information of participants from _____ whose ID is greater than _____

```
$school_name = $_GET['schoolName'];
$min_id = $_GET['minID'];
$result = executePlainSql("SELECT * FROM Participant WHERE
school = '$school_name' AND ID > '$min_id'");
```

5. Get the volunteer's ID, name, and role for all the volunteers

```
SELECT ID, vname, vrole FROM Volunteer
```

6. Find workshop attendance:

```
"SELECT DISTINCT P.pname FROM Participant P, RegistersFor RF
WHERE P.ID = RF.pID AND RF.wtitle = "" . $_GET['workshopName'] .
""");
```

7. Find the number of participants who go to each school

```
SELECT COUNT(ID) as COUNT, school FROM Participant GROUP BY
school
```

8. Find the schools that have 2 or more participants attending

```
SELECT P.school, COUNT(*) FROM Participant P GROUP BY P.school  
HAVING COUNT(*) >= 2
```

9. For all the companies that are sponsoring a hackathon, which companies have sent more than one company representative?

```
SELECT C.cname FROM CompanyRepresentative C GROUP BY C.cname  
HAVING COUNT(*) > 1 AND EXISTS (SELECT * FROM Sponsors S WHERE  
S.cname = C.cname);
```

10. Find all the names of the volunteers that have helped run all the hackathons

```
SELECT v.vname FROM Volunteer v WHERE NOT EXISTS ((SELECT hname  
FROM Hackathon) MINUS (SELECT hname FROM HelpsRun hr WHERE v.ID  
= hr.vID))
```