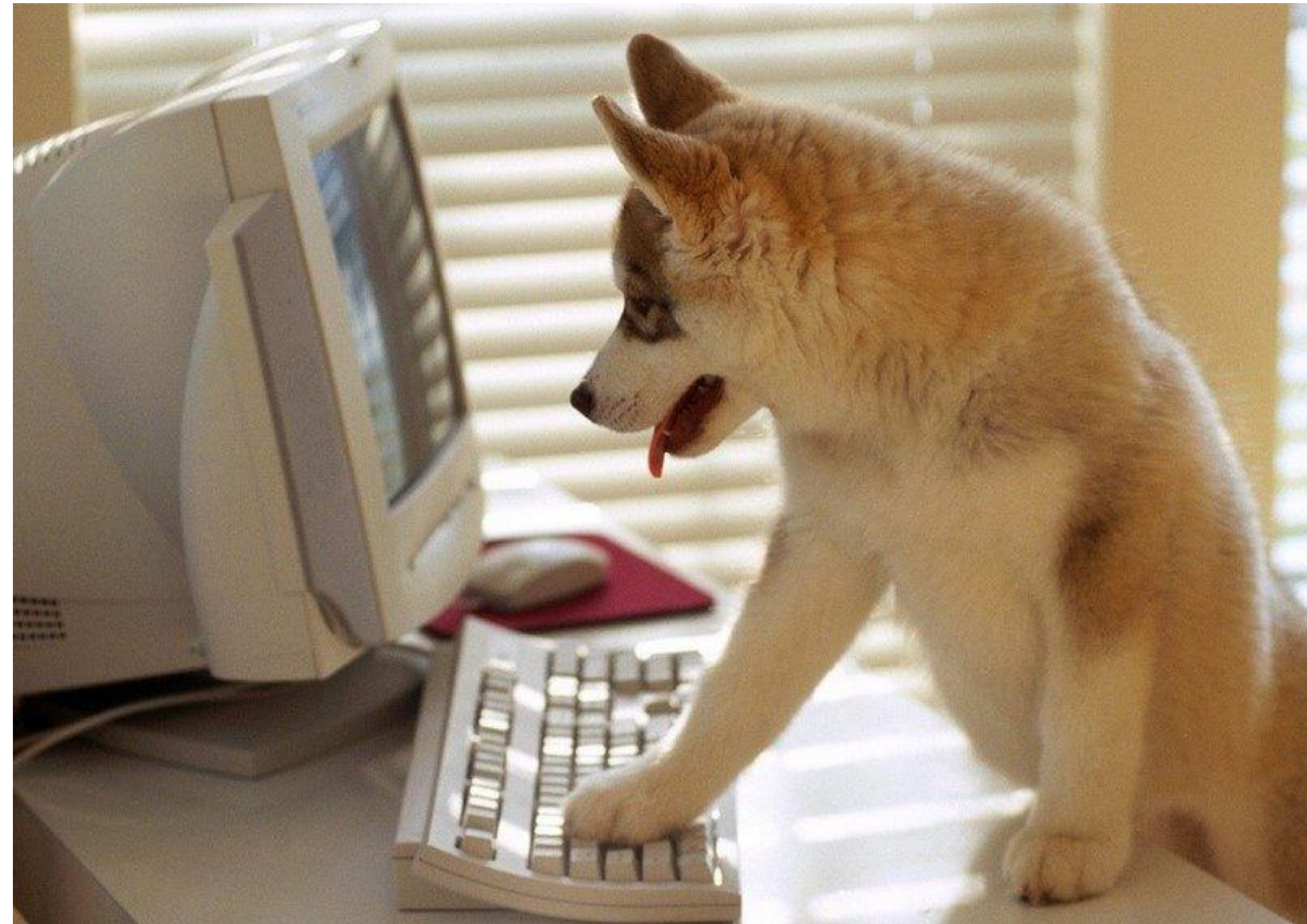


Programming Tutorial [Advanced]



SQL Injection

LulzSec Leak Sony's Japanese websites Database !

May 24, 2011 Mohit Kumar

LulzSec Leak Sony's Japanese websites Database !

Update : 10th Attack on Sony --> Sony Ericsson Got Hacked by Idahca (Lebanese hacker Group)



LulzSec Hacking team today Release the Sony's Japanese website Database dump via their Twitter Account. This is the 9th Attack on Sony. This attack is also using SQL Injection method.

The vulnerable Links are:

SQLi #1: <http://www.sonymusic.co.jp/bv/cro-magnons/track.php?item=7419>

SQLi #2: <http://www.sonymusic.co.jp/bv/kadomatsu/item.php?id=30&item=4490>

Database Structure: <http://pastebin.com/raw.php?i=DEb8pMkd>

Image Source:

<https://thehackernews.com/2011/05/lulzsec-leak-sonys-japanese-websites.html>

SQL Injection

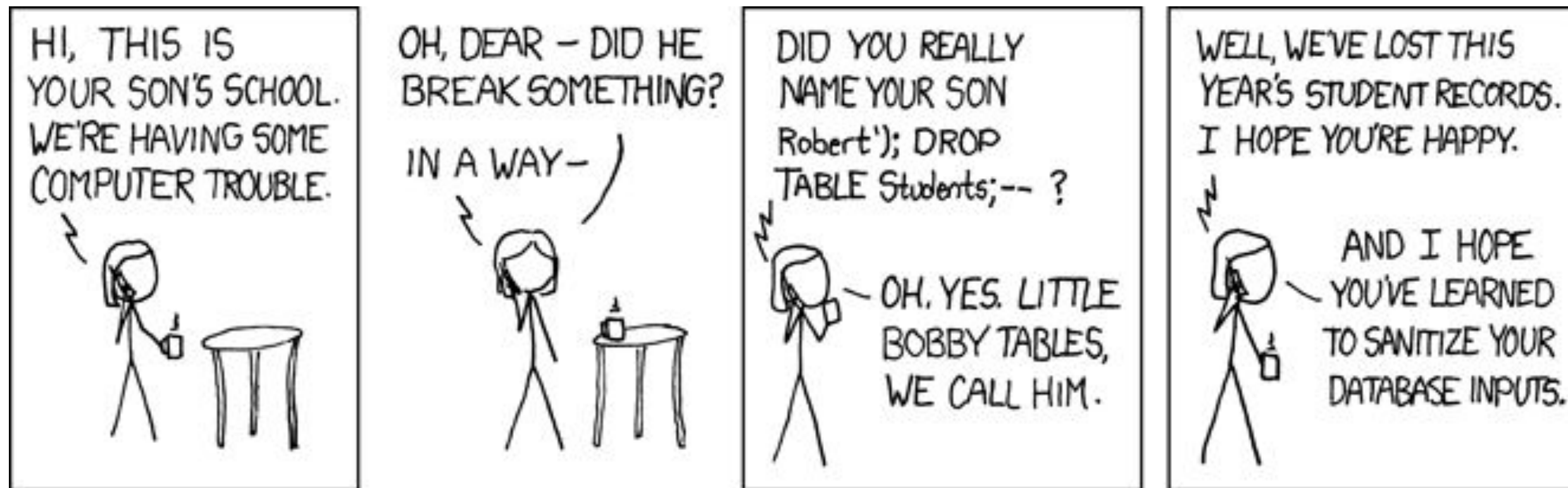


Image Source: <https://xkcd.com/327/>

Statement

```
try{
    Class.forName(org.sqlite.JDBC);
    Connection conn = DriverManager.getConnection(jdbc:sqlite:test.db);
    Statement stat = conn.createStatement();
    stat.executeUpdate("CREATE TABLE people (name, occupation);");
}
catch(SQLException e){
    e.printStackTrace();
}
catch(ClassNotFoundException e){
    e.printStackTrace();
}
```

PreparedStatement

```
try{
    Class.forName(org.sqlite.JDBC);
    Connection conn = DriverManager.getConnection(jdbc:sqlite:test.db);
    conn.setAutoCommit(false);
    PreparedStatement prep = conn.prepareStatement(
        "INSERT INTO people VALUES (?,?);");
    prep.setString(1, "Turing");
    prep.setString(2, "computers");
    prep.addBatch();
    prep.setString(1, "Einstein");
    prep.setString(2, "physics");
    prep.addBatch();
    prep.executeBatch();
    conn.commit();
}
catch(SQLException e){
    e.printStackTrace();
}
catch(ClassNotFoundException e){
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}
```

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    e.printStackTrace();
}
catch(ClassNotFoundException e){
    e.printStackTrace();
}
```

ResultSet

```
try{
    Class.forName(org.sqlite.JDBC);
    Connection conn = DriverManager.getConnection(jdbc:sqlite:test.db);
    Statement stat = conn.createStatement();
    ResultSet rs = stat.executeQuery("SELECT * FROM people;");
    while(rs.next()){
        System.out.println("name = " + rs.getString("name"));
        System.out.println("job = " + rs.getString("occupation"));
    }
    rs.close();
    conn.close();
}
catch(SQLException e){
    e.printStackTrace();
}
catch(ClassNotFoundException e){
    e.printStackTrace();
}
```


ResultSet

```
try{
    Class.forName(org.sqlite.JDBC);
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    }
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    conn.close();
}
catch(SQLException e){
    e.printStackTrace();
}
catch(ClassNotFoundException e){
    e.printStackTrace();
}
```

Hints

Execute the following Statement every time you start your code (Not applicable in *real life*):

```
DROP TABLE IF EXISTS <YOUR_TABLE_NAME>
```

Download the latest version of sqlite-jdbc here:

<https://bitbucket.org/xerial/sqlite-jdbc/downloads/>

Compile and run your code as follows:

```
javac -cp /path/to/sqlite.jar FileName.java
```

```
java -cp ./path/to/sqlite.jar ClassName
```

(Note: For Windows use ';' instead of ':')

Databases

In this course we will use Github Classroom

1. Get a Github Account if you don't have one
2. Go to: <https://classroom.github.com/a/JRpxxXpn> (or scan the QR Code with your phone)
3. Authorize Github and accept the assignment
4. Click on the repository

