**A screenshot of a social media post

Description automatically generatedTask1:**

**Task2:**

**A screenshot of a video game

Description automatically generated**

**Task3:**

**A screenshot of a computer

Description automatically generated**

**Task4:**

**A screenshot of a computer

Description automatically generated**

* When we execute this Sql query which contains OR 1=1 will result all the rows as you can see in above mentioned picture. Here, we just Female data only but when we add OR 1=1 it returns all the rows as 1=1 is always true.
* If hacker got into the database and run this query if you have Username and Password hacker will get all the data and can access all data which is a way too risky.

**Preventions of Sql Injections:**

* There are some possible ways you can deter this kind of operation.
* You can use Input Validation which will not alter the data by malicious.
* If you do not need some data, then it’s better to remove it than being more vulnerable to hacker because you might compromise to provide more security to that.
* You should not allow **special character** as well which will reduce a ton of risk to be attacked by Sql Injection.
* Web application firewall will be helpful as it protects against the attacks.
* You should be more aware about this.