Desmond Hughes

Purdue University Global

IT262 Certified Ethical Hacking I

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Step 1:Graphical user interface, text

Description automatically generated

Section 2 Part 2

9. Repeating the 3rd Step typing <Simon> with the DVWA Security on high, it wasn’t left blank like the first process with the setting on low.

Section 1 Part 3

10. Step 7 entering a’ ORDER BY 1; # there was no result. Step 8 there was no result either. Step 9 resulted in an error stating “order clause” I had to click the browser’s back button.

Graphical user interface, text

Description automatically generated

Section 1 Part 3

19. Hashing in a database is important because, it locates the place, and address of the data record without using index structure.

Graphical user interface, text, application

Description automatically generated

Section 1 Part 4

5. One thing you can be secured with countermeasures is to get rid of unnecessary services or turning them off, and also remove outdated software and applications. You can also keep up with security patches.

Graphical user interface, text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

9. Repeating the 3rd Step typing <Desmond> with the DVWA Security on high, it wasn’t left blank like the first process with the setting on low.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated with medium confidence

Text

Description automatically generated

Section 2 Part 3

19. Hashing in a database is important because, it locates the place, and address of the data record without using index structure.

Section 2 Part 4

5. One thing you can be secured with countermeasures is to get rid of unnecessary services or turning them off, and also remove outdated software and applications. You can also keep up with security patches.

Step 2: To determine the field name of the database column that holds the last name of the database record there are two ways, like querying the system schema, and ApexSQL Search. To look up a particular column name you can use both of the methods to lookup all the tables in the system that has the column with the last name on its table. Using catalog views and the LIKE statements you are able to lookup all the tables in your system that contains the name you are looking for. You can use SELECT sys.columns.name AS ColumnName, tables.name AS TableName. FROM sys.columns. JOIN sys.tables ON, sys.columns.object\_id = tables.object\_id. WHERE sys.columns.name = ‘ColumnName’.

To find a specific last name of a column you need to combine the information of two catalogs sys.tables and sys.columns using the JOIN statement. Using the JOIN statement, you then select the ColumnName and TableName. You can do that in four steps. Step one you need to SELECT “COL\_NAME AS ‘Column\_Name’, TAB\_NAME AS ‘Table\_Name’”. Step two FROM “INFORMATION\_SCHEMA.COLUMNS”. Step three WHERE “COL\_NAME LIKE ‘%MyName%’”. Step four ORDER BY “Table\_Name, Column\_Name;” (Kumari, 2019).

References

How to search for column names in SQL Server. (2022). Retrieved 16 August 2022, from https://solutioncenter.apexsql.com/how-to-search-for-column-names-in-sql-server/

Kumari, S. (2019). Find all tables containing column with specified name - MS SQL Server - Intellipaat Community. Retrieved 16 August 2022, from https://intellipaat.com/community/6615/find-all-tables-containing-column-with-specified-name-ms-sql-server