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| **Assignment 3:** | https://scontent.fkul4-2.fna.fbcdn.net/v/t1.6435-1/p720x720/30741031_159171978097741_2844283967983583232_n.png?_nc_cat=104&ccb=1-5&_nc_sid=dbb9e7&_nc_ohc=_tp7953QqmoAX9x32qy&_nc_ht=scontent.fkul4-2.fna&oh=8bb86fdf29b7d1d7700705d0fe399433&oe=615D0882 |

**Name of the student: Khairul Izuan A. Karim**

**Registered E-mail: izuankarim@gmail.com**

**D4P1:** Write a SQL query to create a Suppliers table with the following fields.

***Note:*** *Supplier\_id should automatically generate (eg: 100,101,102,103…)*

Table Name: Suppliers

|  |  |
| --- | --- |
| **Column Name** | **Data Types** |
| Supplier\_id | Int |
| Supplier\_name | Varchar(50) |
| Supplier\_city | Varchar(50) |
| Spplier\_Postcode | int |
| Supplier\_Country | Varchar(50) |
| Supplier\_Phno | Int |
| Supplier\_email | Varchar(20) |

*Answer:*

|  |
| --- |
| create table Suppliers (supplier\_id int identity (100,1) primary key, supplier\_name varchar(50), supplier\_city varchar(50),  supplier\_postcode int, supplier\_country varchar(50), supplier\_phno int, supplier\_email varchar(20)) |

**D4P2:** Write a SQL query to insert any 10 Suppliers records.

*Answer:*

|  |
| --- |
| insert Suppliers (supplier\_name, supplier\_city, supplier\_postcode, supplier\_country, supplier\_phno, supplier\_email)  values ('ABC Sdn Bhd', 'KL', '53300', 'MY', '012345678', 'abc@abcmail.com'),  ('DEF Sdn Bhd', 'PJ', '53400', 'IN', '012312678', 'def@defmail.com'),  ('GHI Sdn Bhd', 'KB', '99000', 'MY', '014445678', 'ghi@ghimail.com'),  ('JKL Sdn Bhd', 'KK', '78000', 'SG', '012345678', 'jkl@jklmail.com'),  ('MNO Sdn Bhd', 'KT', '65000', 'PH', '0163345678', 'mno@mnomail.com'),  ('PQR Sdn Bhd', 'JB', '45000', 'SG', '012345678', 'por@pormail.com'),  ('STU Sdn Bhd', 'AS', '23000', 'AU', '018745678', 'stu@stumail.com'),  ('VWX Sdn Bhd', 'N9', '70000', 'IN', '012345678', 'vwx@vwxmail.com'),  ('YZ Sdn Bhd', 'PD', '71000', 'MY', '014545678', 'yz@yzmail.com'),  ('AWS Sdn Bhd', 'JB', '88000', 'MY', '012345678', 'aws@awsmail.com') |

**D4P3:** Write a SQL query to display all Suppliers records.

*Answer:*

|  |
| --- |
| select\* from Suppliers |

**D4P4:** Write a SQL query to display supplier’s records, Countries from the Malaysia, India and Singapore.

*Answer:*

|  |
| --- |
| select\* from Suppliers where (supplier\_country = 'MY') or (supplier\_country = 'IN') or (supplier\_country = 'SG') |

**D4P5:** Write a SQL query to find number of suppliers in the respected countries and display country names also.

*Answer:*

|  |
| --- |
| select supplier\_country, COUNT(\*) from Suppliers group by supplier\_country |

**D4P6:** Write a SQL query to display only Malaysian supplier’s records.

*Answer:*

|  |
| --- |
| select\* from Suppliers where (supplier\_country = 'MY') |

**D4P7:** Write a SQL query to display the supplier\_id, supplier\_name and supplier\_email who’s from India.

*Answer:*

|  |
| --- |
| select supplier\_id, supplier\_name, supplier\_email from Suppliers where (supplier\_country = 'IN') |

**D4P8:** Write a SQL query to display number of suppliers in each country, sorted high to low.

*Answer:*

|  |
| --- |
| select supplier\_country, COUNT(\*) from Suppliers group by supplier\_country order by COUNT(\*) desc |

**D4P9:** Write a SQL query to display number of suppliers in each country, sorted low to high (Only include countries with more than 2 suppliers)

*Answer:*

|  |
| --- |
| select supplier\_country, COUNT(\*) from Suppliers group by supplier\_country having COUNT(\*)>2 order by COUNT(\*) asc |

**D4P10:** Write a SQL query to display unique country for the suppliers.

*Answer:*

|  |
| --- |
| select distinct supplier\_country from Suppliers |

\*\*\*\*\*\*\* ALL THE BEST \*\*\*\*\*\*\*