

**Data Base TASK - 02**

ID	Task	Signatures with Date																																					
		Student	Coordinator																																				
2.1	Create a table supplier_info having following structure:- <table><tr><td>Field_name</td><td>Data_Type</td><td>Constraints</td></tr><tr><td>s_id</td><td>Number(5)</td><td>Primary Key</td></tr><tr><td>s_name</td><td>Varchar2(20)</td><td>Not Null</td></tr><tr><td>s_contactno</td><td>int</td><td>Not Null</td></tr></table>	Field_name	Data_Type	Constraints	s_id	Number(5)	Primary Key	s_name	Varchar2(20)	Not Null	s_contactno	int	Not Null																										
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2.2	i) Use alter command to add new field s_emailaddress with data type VARCHAR2 (30), in supplier_info table and view the table structure. ii) Use alter command drop field s_emailaddress and view the table structure. iii) Use alter command modify s_name field of supplier_info table with Data Type VARCHAR2(30) and view the table structure.																																						
2.3(i)	<table><tr><td colspan="4"><u><b>CLIENT</b></u></td></tr><tr><td><b>Field/Column Name</b></td><td><b>Type</b></td><td><b>size</b></td><td><b>Constraint</b></td></tr><tr><td>client_id</td><td>number</td><td>5</td><td>Primary Key</td></tr><tr><td>client_name</td><td>varchar2</td><td>20</td><td></td></tr></table> <u><b>ORDERS</b></u> <table><tr><td><b>Field/Column Name</b></td><td><b>Type</b></td><td><b>size</b></td><td><b>Constraint</b></td></tr><tr><td>product_id</td><td>number</td><td>5</td><td>Primary Key</td></tr><tr><td>Product</td><td>Varchar2</td><td>20</td><td></td></tr><tr><td>purchase_date</td><td>date</td><td></td><td></td></tr><tr><td>client_id</td><td>number</td><td>5</td><td>Foreign Key</td></tr></table>	<u><b>CLIENT</b></u>				<b>Field/Column Name</b>	<b>Type</b>	<b>size</b>	<b>Constraint</b>	client_id	number	5	Primary Key	client_name	varchar2	20		<b>Field/Column Name</b>	<b>Type</b>	<b>size</b>	<b>Constraint</b>	product_id	number	5	Primary Key	Product	Varchar2	20		purchase_date	date			client_id	number	5	Foreign Key		
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(ii)	Insert the record into table CLIENT and PRODUCT with following specification:- <table><tr><td>Client_id</td><td>client_name</td></tr><tr><td>1001</td><td>Karan</td></tr><tr><td>1002</td><td>Shikhar</td></tr><tr><td>1003</td><td>Rajan</td></tr></table>	Client_id	client_name	1001	Karan	1002	Shikhar	1003	Rajan																														
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	<div>1004 Raghav</div> <table> <tr> <th>Product_id</th><th>product</th><th>purchase_date</th><th>client_id</th></tr> <tr> <td>1</td><td>Table</td><td>12-jan-2012</td><td>1001</td></tr> <tr> <td>2</td><td>Chair</td><td>12-apr-2013</td><td>1002</td></tr> <tr> <td>3</td><td>Printer</td><td>12-apr-2013</td><td>1002</td></tr> <tr> <td>4</td><td>Scanner</td><td>15-may-2015</td><td>1003</td></tr> <tr> <td>5</td><td>Projector</td><td></td><td></td></tr> </table>	Product_id	product	purchase_date	client_id	1	Table	12-jan-2012	1001	2	Chair	12-apr-2013	1002	3	Printer	12-apr-2013	1002	4	Scanner	15-may-2015	1003	5	Projector				
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2.4	<p>i) Perform select operation to select client_name from client Table and product from Order Table based on client_id.</p> <p>ii) Perform select operation using left join to select client_name from client table and product from orders table based on client_id.</p> <p>iii) Perform select operation using right join to select client_name from client table and product from orders table based on client_id.</p>																										