

Question 1: Display the company name, contact name, and title for all CUSTOMERS.

```
echo "<h1>Question 1</h1>";
//run a query
$sql = "SELECT * FROM customers";
$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo " - " . $row["CompanyName"]." Contact Name: " . $row["ContactName"].
        " Title: ". $row["ContactTitle"]."<br>";
    }
}
else{
    echo "no results";
}
```

Question 2: Display all information for all German SUPPLIERS

```
echo "<h1>Question 2</h1>";
$sql = 'SELECT * FROM suppliers WHERE Country="Germany" ';
$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo "ID: ".$row["SupplierID"]."<br>";
        echo " Company Name: ".$row["CompanyName"]."<br>";
        echo " Contact Name: ".$row["ContactName"]."<br>";
        echo " Title: ".$row["ContactTitle"]."<br>";
        echo " Address: ".$row["Address"]."<br>";
        echo " City: ".$row["City"]."<br>";
        echo " Region: ".$row["Region"]."<br>";
        echo " Postal Code: ".$row["PostalCode"]."<br>";
        echo " Country: ".$row["Country"]."<br>";
        echo " Phone: ".$row["Phone"]."<br>";
        echo " Fax: ".$row["Fax"]."<br>";
        echo " HomePage: ".$row["HomePage"]."<br>";
        echo "<br><br><br><br><br>";
    }
}
else{
```

```

        echo "no results";
    }

```

**Question 3: Display name, unit price of all PRODUCTS whose price is between \$10 and \$20 sorted from lowest to highest price**

```

echo "<h1>Question 3</h1>";

$sql = 'SELECT * FROM products WHERE UnitPrice BETWEEN 10 AND 20 ORDER BY UnitPrice
ASC';

$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo "Name: ".$row["ProductName"]."<br>";
        echo "Unit Price: ".$row["UnitPrice"]."<br><br>";
    }
}
else{
    echo "no results";
}

```

**Question 4: Display all cities for which the company has CUSTOMERS - with no repeats**

```

echo "<h1>Question 4</h1>";

$sql = 'SELECT DISTINCT Country FROM customers';

$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo $row["Country"]."<br>";
    }
}
else{
    echo "no results";
}

```

Question 5: Display the PRODUCT name and price for suppliers 9-15 sorted by supplier number and then by product name

```
echo "<h1>Question 5</h1>";

$sql = 'SELECT * FROM products WHERE SupplierID BETWEEN 9 AND 15 ORDER BY SupplierID,
ProductName';

$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo "Name: ".$row["ProductName"]."<br>";
        echo "Price: ".$row["UnitPrice"]."<br><br>";
    }
}
else{
    echo "no results";
}
```

Question 6: Display the name of all EMPLOYEES involved with sales (hint: use the title) sorted alphabetically by their last name

```
echo "<h1>Question 6</h1>";

$sql = 'SELECT * FROM employees WHERE Title="Sales Representative" ORDER BY LastName';

$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo "Name: ".$row["FirstName"]." ".$row["LastName"]."<br>";
    }
}
else{
    echo "no results";
}
```

Question 7: Display the names of all products in the produce category

```
echo "<h1>Question 7</h1>";
```

```

$sql = 'SELECT ProductName FROM products
INNER JOIN categories ON products.CategoryID = categories.CategoryID
WHERE CategoryName="Produce"';
$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo "Product Name: ".$row["ProductName"]."<br>";
    }
}
else{
    echo "no results";
}

```

**Question 8: Display the product name and supplier name for all products that cost less than \$10 but only for suppliers from the US**

```

echo "<h1>Question 8</h1>";

$sql = 'SELECT products.ProductName, suppliers.CompanyName FROM products
INNER JOIN suppliers ON products.SupplierID = suppliers.SupplierID
WHERE products.UnitPrice < 10 AND suppliers.country = "USA"';
$result = $conn->query($sql);

// get results
if ($result->num_rows > 0){
    while($row = $result->fetch_assoc()){
        echo "Product Name: ".$row["ProductName"]."<br>";
        echo "Supplier Name: ".$row["CompanyName"]."<br>";
    }
}
else{
    echo "no results";
}

```