

**EX NO:**

**DATE:**

## **EXPORTING DATA TO CSV FILE**

**AIM:**

To demonstrate MySQL and to perform various file format like excel, csv data loading, backup and restoring the database information.

### **dbConfig.php**

```
<?php

// Database configuration

$dbHost = "localhost";

$dbUsername = "root";

$dbPassword = "";

$dbName = "codexworld";

// Create database connection

$db=new mysqli($dbHost, $dbUsername, $dbPassword, $dbName);

// Check connection

if ($db->connect_error){

    die("Connection failed:" . $db->connect_error);

}

?>
```

### **index.php**

```
<!-- Export link -->

<div class="col-md-12 head">

    <div class="float-right">

        <a href="exportData.php" class="btn btn-success"><i class="dwn"></i> Export</a> </div>

    </div>
```

```
<!-- Data list table -->

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "codexworld";

$conn = mysqli_connect($servername, $username, $password, $dbname);

if (!$conn) {

    die("Connection failed: " . mysqli_connect_error());

}

$sql = "SELECT * FROM members";

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

if ($result->num_rows > 0) {

    echo "<table>";

    echo "<br><br>";

    echo
    "<tr><th>ID</th><th>First_Name</th><th>Last_Name</th><th>Email</th><th>Gender</t
h><th>Country</th><th>Created</th><th>Status</th></tr>";

    while ($row = $result->fetch_assoc()) {

        echo "<tr>";

        echo "<td>" . $row["id"] . "</td>";

        echo "<td>" . $row["first_name"] . "</td>";

        echo "<td>" . $row["last_name"] . "</td>";

        echo "<td>" . $row["email"] . "</td>";

        echo "<td>" . $row["gender"] . "</td>";

        echo "<td>" . $row["country"] . "</td>";

        echo "<td>" . $row["created"] . "</td>";

        echo "<td>" . $row["status"] . "</td>";

    }

}
```

```

        echo "</tr>";
    }
    echo "</table>";
} else {
    echo "No records found";
}
$conn->close();
?>

```

### **exportData.php**

```

<?php
// Load the database configuration file
include_once 'dbConfig.php';
// Fetch records from database
$query = $db->query("SELECT * FROM members ORDER BY id ASC");
if($query->num_rows > 0){
    $delimiter = ",";
    $filename = "members-data_" . date('Y-m-d') . ".csv";

    // Create a file pointer
    $f = fopen('php://memory', 'w');

    // Set column headers
    $fields = array('ID', 'FIRST NAME', 'LAST NAME', 'EMAIL', 'GENDER',
    'COUNTRY', 'CREATED', 'STATUS');
    fputcsv($f, $fields, $delimiter);

    // Output each row of the data, format line as csv and write to file pointer

```

```

while($row = $query->fetch_assoc()){

    $status = ($row['status'] == 1)?'Active':'Inactive';

    $lineData = array($row['id'], $row['first_name'], $row['last_name'], $row['email'],
    $row['gender'], $row['country'], $row['created'], $status);

    fputcsv($f, $lineData, $delimiter);

}

// Move back to beginning of file

fseek($f, 0);

// Set headers to download file rather than displayed

header('Content-Type: text/csv');

header('Content-Disposition: attachment; filename="' . $filename . ".csv");

//output all remaining data on a file pointer

fpassthru($f);

}

exit;

?>

```

## OUTPUT:

[Export](#)

ID	First_Name	Last_Name	Email	Gender	Country	Created	Status
1	Rajalakshmi	R	raji@gmail.com	Female	india	0000-00-00 00:00:00	1
2	Harini	R	hari@gmail.com	Female	india	0000-00-00 00:00:00	0
5	Devadharshini	C	deva@gmail.com	Female	india	0000-00-00 00:00:00	1

[illegible]

Thus to perform various file format like excel, csv data loading, backup and restoring the database information using MySQL has been executed successfully.

Conduct of Experiment(30):	
Record(20):	
Viva(10):	
Total(60):	

