

## PRAKTIKUM 14

### Validasi Data Ganda dan Export Data

#### A. Validasi Data Ganda

1. Buka kembali praktikum 13 (upload data), selanjutnya file **tambah.php** tambahkan kode berikut:

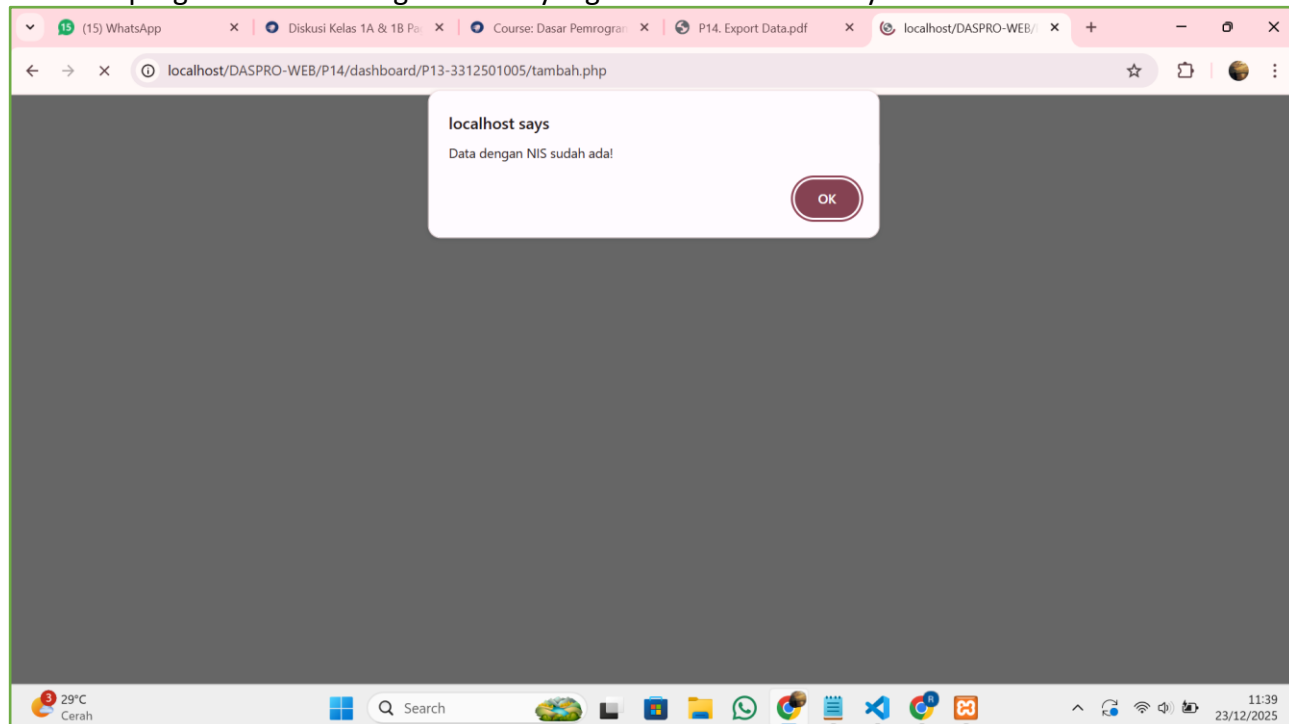
```
// Validasi file dokumen (file pendukung)
$file_pendukung = $_FILES['file_pendukung']['name'];
$ukuran_file_pendukung = $_FILES['file_pendukung']['size'];
$tmp_file_pendukung = $_FILES['file_pendukung']['tmp_name'];
$ekstensi_file_diperbolehkan = array('pdf', 'docx');
$x_file_pendukung = explode('.', $file_pendukung);
$ekstensi_file_pendukung = strtolower(end($x_file_pendukung));
$path_file_pendukung = "uploads/" . $file_pendukung;

// Validasi apakah NIS sudah ada di database
$checkNisQuery = "SELECT * FROM calon_mhs WHERE nis = '$nis'";
$result = mysqli_query($koneksi, $checkNisQuery);

if (mysqli_num_rows($result) > 0) {
    echo "<script>alert('Data dengan NIS $nis sudah ada!'); window.history.back();</script>";
    exit;
}

// Validasi ekstensi dan ukuran file
```

2. Jalankan program isi data dengan record yang sama tuliskan hasilnya dibawah ini:



## B. Export Data

1. Buka kembali file **index.php** praktikum sebelumnya, tambahkan kode berikut:

```
<div class="container mt-5">
  <h2 class="text-center">Data Calon Mahasiswa</h2>
  <button class="btn btn-success mb-3" data-bs-toggle="modal" data-bs-target="#addModal">Tambah Data</button>


  <!-- Tambahkan tombol export -->
  <div class="mb-3">
    <a href="export_excel.php" class="btn btn-primary">Export Excel</a>
    <a href="export_pdf.php" class="btn btn-danger">Export PDF</a>
  </div>
```

2. Buat file baru simpan dengan nama file **export\_excel.php**, ketikkan kode berikut:

```
<?php
header("Content-type: application/vnd-ms-excel");
header("Content-Disposition: attachment; filename=Data_Calon_Mahasiswa.xls");
include 'koneksi.php';
echo "<table border='1'>";
echo "<thead>";
    <tr>
        <th>NIS</th>
        <th>Nama</th>
        <th>Jenis Kelamin</th>
        <th>Telepon</th>
        <th>Alamat</th>
    </tr>
</thead>";
$query = mysqli_query($koneksi, "SELECT * FROM calon_mhs");
while ($row = mysqli_fetch_assoc($query)) {
    echo "<tr>";
        <td>{$row['nis']}</td>
        <td>{$row['nama']}</td>
        <td>{$row['jk']}</td>
        <td>{$row['telepon']}</td>
        <td>{$row['alamat']}</td>
    </tr>";
}
echo "</table>";
?>
```

3. Jalankan program klik tombol export excel, tuliskan hasilnya dibawah ini:

The screenshot shows a web browser window with the URL `localhost/DASPRO-WEB/P14/dashboard/P13-3312501005/`. The page displays the 'Data Calon Mahasiswa' interface. At the top, there's a title 'Data Calon Mahasiswa'. Below it, there are two buttons: 'Tambah Data' (green) and 'Export Excel' (blue). Underneath these buttons is a table with the following columns: NIS, Nama, Jenis Kelamin, Telepon, Alamat, Foto, File Pendukung, and Aksi. The table contains one data row for 'RIZKA NUR AZIZAH' with NIS '3312501005'. The 'Aksi' column for this row has 'Edit' and 'Hapus' buttons. A notification in the top right corner indicates that 'calon\_mhs.xls' (1,255 B) has been downloaded. The browser's taskbar at the bottom shows the system time as 11:51 on 23/12/2025.

NIS	Nama	Jenis Kelamin	Telepon	Alamat	Foto	File Pendukung	Aksi
3312501005	RIZKA NUR AZIZAH	Perempuan	0812 7690 3211	Perum Taman Teratai		<a href="#">Download</a>	<button>Edit</button> <button>Hapus</button>

calon\_mhs.xls - Excel

File Home WPS PDF Insert Draw Page Layout Formulas Data Review View Help Tell me what you want to do

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Calibri 11

General Conditional Formatting Insert Delete Format Sum AutoSum Sort & Filter Find & Select

Format as Table Format as Table Cell Styles

Font Alignment Number Styles Cells Editing Add-ins WPS PDF QR Code Tracker

A1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	NIS	Nama	Jenis Kelamin	Telepon	Alamat											
2	3312501005	RIZKA NUR AZIZAH	Perempuan	0812 7690 3211	Perum Taman Teratai											
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calon\_mhs

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11:52 23/12/2025

- Download file **fpdf** yang tersedia di [dilearnig](http://dilearnig.com), selanjutnya ekstrak file di ke dalam folder P13\_NIM
- Buat file baru dengan nama file **export\_pdf.php**, ketikkan kode berikut:


```
<?php
require('fpdf/fpdf.php');
include 'koneksi.php';
class PDF extends FPDF
{
    // Header kartu
    function Header()
    {
        $this->SetFont('Arial', 'B', 14);
        $this->Cell(0, 10, 'Kartu Peserta', 0, 1, 'C');
        $this->Ln(10);
    }
    // Footer kartu
    function Footer()
    {
        $this->SetY(-15);
        $this->SetFont('Arial', 'I', 8);
        $this->Cell(0, 10, 'Halaman ' . $this->PageNo(), 0, 0, 'C');
    }
}
$pdf = new PDF();
$pdf->AddPage();
// Query data dari database
$query = mysqli_query($koneksi, "SELECT * FROM calon_mhs");
while ($data = mysqli_fetch_assoc($query)) {
    $pdf->SetFont('Arial', '', 12);
    // Tambahkan foto peserta dengan jarak rapi
    $currentY = $pdf->GetY();
    if (!empty($data['foto']) && file_exists('uploads/' . $data['foto'])) {
        $pdf->Image('uploads/' . $data['foto'], 10, $currentY, 30, 40); // (x, y, width, height)
    } else {
        $pdf->Rect(10, $currentY, 30, 40); // Placeholder kotak untuk foto
    }
    // Tambahkan tabel detail peserta
    $pdf->SetXY(45, $currentY);
    $pdf->Cell(50, 8, 'NIS', 1, 0, 'L'); // Header kolom
    $pdf->Cell(100, 8, $data['nis'], 1, 1, 'L'); // Data
    $pdf->SetX(45);
    $pdf->Cell(50, 8, 'Nama', 1, 0, 'L');
    $pdf->Cell(100, 8, $data['nama'], 1, 1, 'L');
    $pdf->SetX(45);
    $pdf->Cell(50, 8, 'Jenis Kelamin', 1, 0, 'L');
    $pdf->Cell(100, 8, $data['jk'], 1, 1, 'L');
    $pdf->SetX(45);
    $pdf->Cell(50, 8, 'Telepon', 1, 0, 'L');
    $pdf->Cell(100, 8, $data['telepon'], 1, 1, 'L');
    $pdf->SetX(45);
    $pdf->Cell(50, 8, 'Alamat', 1, 0, 'L');
    $pdf->Cell(100, 8, $data['alamat'], 1, 1, 'L');
    // Tambahkan jarak untuk kartu berikutnya
    $pdf->Ln(50); // Pastikan tabel dan gambar tidak tumpang tindih
}
// Output ke browser
$pdfOutput = 'kartu_peserta.pdf';
$pdf->Output('F', $pdfOutput); // Simpan file sementara di server
// Pratinjau PDF di browser
header('Content-Type: application/pdf');
header('Content-Disposition: inline; filename="' . $pdfOutput . '");
readfile($pdfOutput);
// Hapus file sementara jika tidak diperlukan
unlink($pdfOutput);
exit;
?>
```

6. Jalankan program klik tombol export pdf, tuliskan hasilnya dibawah ini:

The screenshot displays a web application interface for 'Data Calon Mahasiswa'. The main page features a table with columns 'NIS' and 'Nama'. A row is visible with NIS '3312501005' and Nama 'RIZKA NUR AZIZAH'. Above the table are buttons for 'Tambah Data', 'Export Excel', and 'Export PDF'. A 'Download File Info' dialog box is open, showing the URL 'http://localhost/DASPRO-WEB/P14/dashboard/P13-3312501005/export\_pdf', the file name 'kartu\_peserta.pdf', and the size '1.53 MB'. The dialog also includes a 'Start Download' button. Below the dialog, a PDF viewer is open, displaying the 'Kartu Peserta' (Participant Card) for RIZKA NUR AZIZAH. The card includes a photo and a table with personal details.

NIS	Nama
3312501005	RIZKA NUR AZIZAH

Kartu Peserta	
	
NIS	3312501005
Nama	RIZKA NUR AZIZAH
Jenis Kelamin	Perempuan
Telepon	0812 7690 3211
Alamat	Perum Taman Teratai