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<!-- ----- CONTROLLER ----- -->
<?php
defined('BASEPATH') or exit('No direct script access allowed');

class Latihan2 extends CI_Controller
{
    public function index()
    {
        $this->load->helper('url');
        $this->load->view('input_matakuliah');
    }

    public function cetak()
    {
        $kodeMataKuliah = $this->input->post('kode');
        $namaMataKuliah = $this->input->post('nama');
        $sksMataKuliah = $this->input->post('sks');

        $this->form_validation->set_rules(
            'kode',
            'Kode Matakuliah',
            'required|min_length[3]',
            [
                'required' => '* Kode Matakuliah Harus diisi',
                'min_lenght' => '* Kode terlalu pendek'
            ]
        );

        $this->form_validation->set_rules(
            'nama',
            'Nama Matakuliah',
            'required',
            [
                'required' => '* Nama Matakuliah Harus diisi'
            ]
        );

        if ($this->form_validation->run() != true) {
            $this->load->helper('url');
            $this->load->view('input_matakuliah');
        } else {

            if ($sksMataKuliah == 1) {
                $sksUnggulan = "SKS Reguler";
                $BobotNilai = "< 60";
                $Status = "Wajib Remedial";
            } else if ($sksMataKuliah == 2) {
                $sksUnggulan = "SKS Reguler";
                $BobotNilai = "60 sd 74";
                $Status = "Tidak Remedial";
            } else if ($sksMataKuliah == 3) {
                $sksUnggulan = "SKS Reguler";
                $BobotNilai = "75 sd 80";
                $Status = "Tidak Remedial";
            } else if ($sksMataKuliah == 4) {
                $sksUnggulan = "Unggulan SKS";
                $BobotNilai = "81 sd 100";
                $Status = "Tidak Remedial";
            }

            //membuat object untuk parsing data ke view yg dituju
            $data = [
                'kode' => $kodeMataKuliah,
                'nama' => $namaMataKuliah,
                'sks' => $sksMataKuliah,
                'unggulan' => $sksUnggulan,
                'range' => $BobotNilai,
                'status' => $Status
            ];

            //kirim ke view
            $this->load->view('output_matakuliah.html', $data);
        }
    }
}

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    }

}
?>

<!-- ----- MODEL ----- -->

<!-- ----- VIEW | INPUT ----- -->
<html>

<body>

    <form action="= base_url('Latihan2/cetak'); ?&gt;" method="post"&gt;
        &lt;table border="1%"&gt;

            &lt;tr&gt;
                &lt;th colspan="3"&gt;
                    Input Mata Kuliah
                &lt;/th&gt;
            &lt;/tr&gt;
            &lt;tr&gt;
                &lt;td&gt;Kode Mata Kuliah&lt;/td&gt;
                &lt;td&gt;:&lt;/td&gt;
                &lt;td&gt;&lt;input type="text" name="kode" id="kode"&gt;&lt;/td&gt;
            &lt;/tr&gt;

            &lt;tr&gt;
                &lt;td&gt;Nama Mata Kuliah&lt;/td&gt;
                &lt;td&gt;:&lt;/td&gt;
                &lt;td&gt;&lt;input type="text" name="nama" id="nama"&gt;&lt;/td&gt;
            &lt;/tr&gt;

            &lt;tr&gt;
                &lt;td&gt;SKS&lt;/td&gt;
                &lt;td&gt;:&lt;/td&gt;
                &lt;td&gt;
                    &lt;select name="sks" id="sks"&gt;
                        &lt;option value="1"&gt;1&lt;/option&gt;
                        &lt;option value="2"&gt;2&lt;/option&gt;
                        &lt;option value="3"&gt;3&lt;/option&gt;
                        &lt;option value="4"&gt;4&lt;/option&gt;
                    &lt;/select&gt;
                &lt;/td&gt;
            &lt;/tr&gt;

            &lt;tr&gt;
                &lt;td colspan="3"&gt;&lt;input type="submit" name="submit" id="submit" value="submit"&gt;&lt;/td&gt;
            &lt;/tr&gt;

        &lt;/table&gt;

        &lt;?php echo validation_errors(); ?&gt;
    &lt;/form&gt;

&lt;/body&gt;

&lt;/html&gt;

&lt;!-- ----- VIEW | OUTPUT ----- --&gt;
&lt;html&gt;

&lt;body&gt;
    &lt;table border="1%"&gt;
        &lt;th colspan="3"&gt;Output Cetak Mata Kuliah&lt;/th&gt;
        &lt;tr&gt;
            &lt;td&gt;Kode Mata Kuliah&lt;/td&gt;
            &lt;td&gt;:&lt;/td&gt;
            &lt;td&gt;&lt;?= $kode ?&gt;&lt;/td&gt;
        &lt;/tr&gt;
        &lt;tr&gt;
            &lt;td&gt;Nama Mata Kuliah&lt;/td&gt;
            &lt;td&gt;:&lt;/td&gt;
            &lt;td&gt;&lt;?= $nama ?&gt;&lt;/td&gt;
        &lt;/tr&gt;
    &lt;/table&gt;
&lt;/body&gt;
&lt;/html&gt;
</pre

```

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</tr>
<tr>
  <td>SKS</td>
  <td>:</td>
  <td><?= $sks ?></td>
</tr>
<tr>
  <td>Unggulan SKS</td>
  <td>:</td>
  <td><?= $unggulan ?></td>
</tr>
<tr>
  <td>Range Bobot Nilai</td>
  <td>:</td>
  <td><?= $range ?></td>
</tr>
<tr>
  <td>Status</td>
  <td>:</td>
  <td><?= $status ?></td>
</tr>
</table>
</body>
</html>
```