Nama : **Rosyidah Amini Suci**
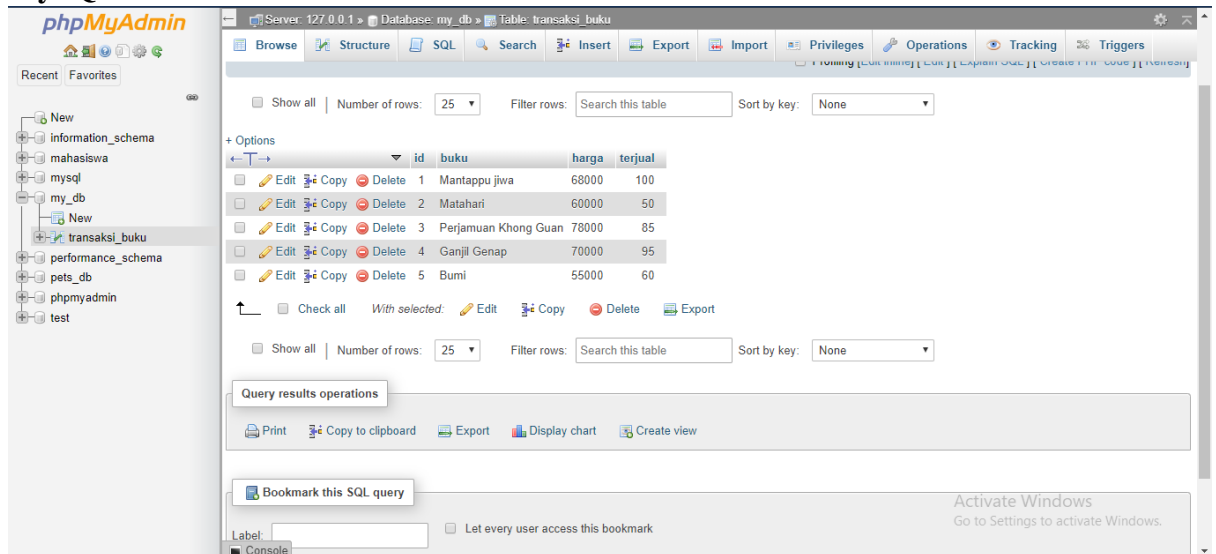
NRP : **2103181045**

Kelas : **3 D3 IT B**

MEMBUAT PIE GRAFIK DENGAN LIBRARY HIGHCHART

- **MySQL Database**

- **Source Code**

Config.php

```php
<?php

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "my_db";

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

if (!$conn) {
    die("Koneksi Gagal: " . mysql_connect_error());
}
?>
```

Index.php

```html
<!DOCTYPE html>
```

```html
<html>
<head>
    <meta charset="utf-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>Grafik Pie Transaksi Buku</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- Menambahkan library Highcharts -->
    <script src="highcharts/highcharts.js"></script>
    <script src="highcharts/modules/exporting.js"></script>
    <script src="highcharts/modules/export-data.js"></script>
</head>
<body>
    <center>
    <figure class="highcharts-figure">
        <div id="container"></div>
        <p class="highcharts-description">ROSYIDAH AMINI SUCI - 2103181045</p>
    </figure>
    <div class="container" style="mt-5">
        <h3>PIE CHART : Transaksi Penjualan Buku</h3>
    </div>
    <div id="grafik" style="width: 700px; height:400px;"></div>

    <script type="text/javascript">
        Highcharts.setOptions({
            colors: ['#006d77', '#83c5be', '#edf6f9', '#ffddd2', '#e29578']
        });
        Highcharts.chart('grafik', {
            chart: {
                plotBackgroundColor: null,
                plotBorderWidth: null,
                plotShadow: false,
                type: 'pie'
            },
            // tittle: {
            //     text: 'Grafik Transaksi Penjualan Buku'
            // },
            tooltip: {
                pointFormat: '{series.name}: <b>{point.y} ({point.percentage:.1f}%
)</b>'
            },
            plotOptions: {
                pie: {
                    allowPointSelect: true,
                    cursor: 'pointer',
                    dataLabels: {
                        enabled: true,
                        format: '<b>{point.name}</b>: {point.y} ({point.percentage
:.1f}%)',
```

```php
                    style: {
                        color: (Highcharts.theme && Highcharts.theme.contrastT
extColor) || 'black'
                    }
                }
            }
        },
        series: [{
            name: 'y_db',
            colorByPoint: true,
            data: [
                <?php
                    include 'config.php';
                    $sql='SELECT * FROM transaksi_buku';
                    $query=mysqli_query($conn,$sql);
                    $i=0;
                    while ($row = mysqli_fetch_array($query)){
                        if($i==0){
                            ?>
                            // Jika diawal ditambahi slice
                            {
                                name: '<?php echo $row['buku']; ?>',
                                y: <?php echo $row['terjual']; ?>,
                                sliced: true,
                                selected: true
                            },
                            <?php
                        }else{?>
                        {
                                name: '<?php echo $row['buku']; ?>',
                                y: <?php echo $row['terjual']; ?>
                        },
                        <?php
                        }
                        $i++;
                    }
                    ?>
            ]
        }]
    });

    </script>
    <figure class="highcharts-figure">
    <div id="container"></div>
    <p class="highcharts-description">
 Hasil transaksi penjualan buku dalam 1 bulan menunjukkan bahwa penjualan pali
ng meningkat terdapat pada buku Mantappu Jiwa
 </p>
```

```
</figure>
</center>
</body>
</html>
```

- **Output**

ROSYIDAH AMINI SUCI - 2103181045

PIE CHART : Transaksi Penjualan Buku

Chart title

Bumi: 60 (15.4%)

Mantappu jiwa: 100 (25.6%)

Ganjil Genap: 95 (24.4%)

Matahari: 50 (12.8%)

Perjamuan Khong Guan: 85 (21.8%)

Highcharts.com

Hasil transaksi penjualan buku dalam 1 bulan menunjukkan bahwa penjualan paling meningkat terdapat pada buku Mantappu Jiwa

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