

## sortableLimit.php

```
<? // Connecting, selecting database
$fieldId = 1;
if (isset($_REQUEST['fieldId'])) {
    $fieldId = $_REQUEST['fieldId'];
}

$lastSort = 'asc';
if (isset($_REQUEST['sort'])) {
    $lastSort = $_REQUEST['sort'];
}

$link = mysql_connect('localhost', 'root', 'admin');
if (!$link) {
    die('Could not connect: ' . mysql_error());
}

$link1 = mysql_select_db('latih');
if (!$link1) {
    die('Could not select database');
}

if ($fieldId == '1') {
    $field = 'no_induk';
} else if ($fieldId == '2') {
    $field = 'nama';
} else if ($fieldId == '3') {
    $field = 'alamat';
} else {
    $field = 'no_induk';
}

$query0 = 'SELECT id, no_induk, nama, alamat FROM tbl_siswa ORDER BY '.$field.' '.$lastSort;
$resultRow = mysql_query($query0);
$num_rows = mysql_num_rows($resultRow);

$first_pages = 1;
$data_content = 5;
$last_pages = ceil($num_rows / $data_content);

$increment = $first_pages;
if (isset($_REQUEST['incrValue'])) {
    $increment = $_REQUEST['incrValue'];
}

//awal jika paging menggunakan teknik limit offset mysql
$query1 = 'SELECT id, no_induk, nama, alamat FROM tbl_siswa ORDER BY '.$field.' '.$lastSort.'
LIMIT '.$data_content.' OFFSET '.$increment;
$result = mysql_query($query1);
if (!$result) {
    die('Query failed: ' . mysql_error());
}
//akhir jika paging menggunakan teknik limit offset mysql
?>
<html>
<head>
    <title>Editable Data Grid</title>
    <script type="text/javascript" language="javascript">
        function sortableField(par1,par2,par3) {
            if (par2 == "asc") {
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        var lastSort = "desc";
    } else if (par2 == "desc") {
        var lastSort = "asc";
    } else {
        var lastSort = "asc";
    }
    document.myForm.action =
"sortableLimit.php?fieldId="+par1+"&sort="+lastSort+"&incrValue="+par3;
    document.myForm.submit();
}

function prev(par1,par2,par3) {
    if (parseInt(par3) != 1) {
        par3 = par3 - 1;
    }
    document.myForm.action =
"sortableLimit.php?fieldId="+par1+"&sort="+par2+"&incrValue="+par3;
    document.myForm.submit();
}

function next(par1,par2,par3) {
    var lastPage = parseInt('<? echo $last_pages; ?>');
    if (parseInt(par3) != lastPage) {
        par3 = par3 + 1;
    }
    document.myForm.action =
"sortableLimit.php?fieldId="+par1+"&sort="+par2+"&incrValue="+par3;
    document.myForm.submit();
}
</script>
</head>
<body>
    <form id="myForm" name="myForm" method="post">
        <div class="area">
            <br>
            <table width="80%" cellpadding="0" cellspacing="0" border="0">
                <tr>
                    <td align="right">
                        <?
                            if ($increment == $first_pages) {
                                echo ' prev ';
                            } else {
                                ?> <a href="#" onclick="prev(<? echo
$fieldId; ?>,'<? echo $lastSort; ?>',<? echo $increment; ?>);">prev</a> <?
                            }

                            echo $increment." of ".$last_pages;

                            if ($increment == $last_pages) {
                                echo ' next ';
                            } else {
                                ?> <a href="#" onclick="next(<? echo
$fieldId; ?>,'<? echo $lastSort; ?>',<? echo $increment; ?>);">next</a> <?
                            }
                        ?>
                    </td>
                </tr>
                <tr>
                    <td align="right">&nbsp;  </td>
                </tr>
            </table>

```

```

        <table width="80%" cellpadding="0" cellspacing="0" border="1"
id="lineItemTable">
            <tr>
                <th width="0%">&nbsp;</th>
                <th width="24%" onclick="sortableField(1,'<? echo $lastSort; ?
>',<? echo $increment; ?>);">Nomor Induk</th>
                <th width="24%" onclick="sortableField(2,'<? echo $lastSort; ?
>',<? echo $increment; ?>);">Nama Siswa</th>
                <th width="50%" onclick="sortableField(3,'<? echo $lastSort; ?
>',<? echo $increment; ?>);">Alamat Lengkap</th>
            </tr>
            <!-- Jika menggunakan teknik limit offset mysql -->
            <? while ($line = mysql_fetch_array($result, MYSQL_ASSOC)) {?>
                <tr>
                    <td>&nbsp;</td>
                    <td><? echo $line['no_induk']; ?></td>
                    <td><? echo $line['nama']; ?></td>
                    <td><? echo $line['alamat']; ?></td>
                </tr>
            <? } ?>
        </table>
    </div>
</form>
</body>
</html>
<? // Free resultset
mysql_free_result($result);

// Closing connection
mysql_close($link);
?>

```

### sortableArray.php

```

<? // Connecting, selecting database
$fieldId = 1;
if (isset($_REQUEST['fieldId'])) {
    $fieldId = $_REQUEST['fieldId'];
}

$lastSort = 'asc';
if (isset($_REQUEST['sort'])) {
    $lastSort = $_REQUEST['sort'];
}

$link = mysql_connect('localhost', 'root', 'admin');
if (!$link) {
    die('Could not connect: ' . mysql_error());
}

$link1 = mysql_select_db('latih');
if (!$link1) {
    die('Could not select database');
}

if ($fieldId == '1') {
    $field = 'no_induk';
} else if ($fieldId == '2') {
    $field = 'nama';
}

```

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} else if ($fieldId == '3') {
    $field = 'alamat';
} else {
    $field = 'no_induk';
}

$query0 = 'SELECT id, no_induk, nama, alamat FROM tbl_siswa ORDER BY '.$field.' '.$lastSort;
$resultRow = mysql_query($query0);
$num_rows = mysql_num_rows($resultRow);

$first_pages = 1;
$data_content = 5;
$last_pages = ceil($num_rows / $data_content);

$increment = $first_pages;
if (isset($_REQUEST['incrValue'])) {
    $increment = $_REQUEST['incrValue'];
}

//awal jika paging menggunakan array sebagai penyimpanan data sementara, kemudian dipecah
array tersebut berdasarkan batas atas dan bawah
$result = mysql_query($query0);
if (!$result) {
    die('Query failed: ' . mysql_error());
}
$idx = 0;
while ($line = mysql_fetch_array($result, MYSQL_ASSOC)) {
    $showData[$idx]['no_induk'] = $line['no_induk'];
    $showData[$idx]['nama'] = $line['nama'];
    $showData[$idx]['alamat'] = $line['alamat'];
    $idx++;
}

$firstEdge = ($data_content * $increment) - $data_content;
$lastEdge = ($data_content * $increment) - 1;
//akhir jika paging menggunakan array sebagai penyimpanan data sementara, kemudian dipecah
array tersebut berdasarkan batas atas dan bawah
?>
<html>
<head>
    <title>Editable Data Grid</title>
    <script type="text/javascript" language="javascript">
        function sortableField(par1,par2,par3) {
            if (par2 == "asc") {
                var lastSort = "desc";
            } else if (par2 == "desc") {
                var lastSort = "asc";
            } else {
                var lastSort = "asc";
            }
            document.myForm.action =
"sortableArray.php?fieldId="+par1+"&sort="+lastSort+"&incrValue="+par3;
            document.myForm.submit();
        }

        function prev(par1,par2,par3) {
            if (parseInt(par3) != 1) {
                par3 = par3 - 1;
            }
            document.myForm.action =
"sortableArray.php?fieldId="+par1+"&sort="+par2+"&incrValue="+par3;
            document.myForm.submit();

```

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    }

    function next(par1,par2,par3) {
        var lastPage = parseInt('<? echo $last_pages; ?>');
        if (parseInt(par3) != lastPage) {
            par3 = par3 + 1;
        }
        document.myForm.action =
"sortableArray.php?fieldId="+par1+"&sort="+par2+"&incrValue="+par3;
        document.myForm.submit();
    }
</script>
</head>
<body>
    <form id="myForm" name="myForm" method="post">
        <div class="area">
            <br>
            <table width="80%" cellpadding="0" cellspacing="0" border="0">
                <tr>
                    <td align="right">
                        <?
                            if ($increment == $first_pages) {
                                echo ' prev ';
                            } else {
                                ?> <a href="#" onclick="prev(<? echo
$fieldId; ?>,'<? echo $lastSort; ?>','<? echo $increment; ?>);">prev</a> <?
                            }

                            echo $increment." of ".$last_pages;

                            if ($increment == $last_pages) {
                                echo ' next ';
                            } else {
                                ?> <a href="#" onclick="next(<? echo
$fieldId; ?>,'<? echo $lastSort; ?>','<? echo $increment; ?>);">next</a> <?
                            }
                        ?>
                    </td>
                </tr>
            </table>
            <table width="80%" cellpadding="0" cellspacing="0" border="1"
id="lineItemTable">
                <tr>
                    <th width="0%">&nbsp;</th>
                    <th width="24%" onclick="sortableField(1,'<? echo $lastSort; ?
>','<? echo $increment; ?>);">Nomor Induk</th>
                    <th width="24%" onclick="sortableField(2,'<? echo $lastSort; ?
>','<? echo $increment; ?>);">Nama Siswa</th>
                    <th width="50%" onclick="sortableField(3,'<? echo $lastSort; ?
>','<? echo $increment; ?>);">Alamat Lengkap</th>
                </tr>
                <!-- Jika menggunakan teknik array dan pemecahan batas atas dan
batas bawah -->
                <?
                    for ($i = 0; $i < count($showData); $i++) {
                        if ($i >= $firstEdge && $i <= $lastEdge) {?>
                            <tr>
                                <td>&nbsp;</td>
                                <td><? echo $showData[$i]['no_induk']; ?
></td>

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></td>
></td>
<td><? echo $showData[$i]['nama']; ?
<td><? echo $showData[$i]['alamat']; ?
</tr>
<? }?> }
</table>
</div>
</form>
</body>
</html>
<? // Free resultset
mysql_free_result($result);

// Closing connection
mysql_close($link);
?>
```