

# **LAMPIRAN**













## Pengkodean / Coding Halaman Metode Waiting Line

```
<div class="card-body">
<div class="row row-cols-2 row-cols-lg-5
g-2 g-lg-3">
<div class="col">
<label>Jumlah Pengunjung</label>
<input id="lamda" class="form-control"
value="{{ $jumlah}}"><br>
</div>
<div class="col">
<div class="form-group">
<label>Jumlah Locket</label>
<input id="server" class="form-control"
value="4"><br>
</div>
</div>
<div class="col">
<div class="form-group">
<label>Lama Pelayanan</label>
<input type="number"
id="miu" class="form-control"
autofocus>
</div>
</div>
</div>
<button id="button" class="btn btn-
success pull-right">Hitung</button>
<table id="bootstrap-data-table"
class="table table-bordered">
<thead>
<tr>
<td>Tingkat kesibukan loket</td>
<td>Probabilitas WP dalam
layanan</td>
<td>Jumlah WP dalam antrian</td>
<td>Waktu WP dalam antrian</td>
<td>Waktu WP dalam layanan</td>
<td>Jumlah WP dalam sistem</td>
</tr>
</thead>
<tbody>
<tr>
```

```
<th id="hasilp"></th>
<th id="hasilpo"></th>
<th id="hasilpq"></th>
<th id="hasilw"></th>
<th id="hasil"></th>
</tr>
</tbody>
</table>
<script type="text/javascript">
var lamda =
document.getElementById("lamda")
var miu =
document.getElementById("miu")
var server =
document.getElementById("server")
var button =
document.getElementById("button")
button.addEventListener("click",
function(e){
e.preventDefault();
var ld = lamda.value;
var m = miu.value;
var s = server.value;
// hitung p
var p = ld/(m*s)
var p1 = Math.round(p)
hasilp.innerHTML = `${p1}`;
// hitung po
var po = 1-p
var po1 = Math.round(po*60)
hasilpo.innerHTML = `${po1} menit`;
// hitung lq
var f = 1
for (var i = s; i>0; i--) {
f*= i;
}
var b = po*(Math.pow((ld/m), s))*p
var c = f*(Math.pow((1-p), 2))
var lq = b/c
var lq1 = Math.round(lq)
```



```
hasilq.innerHTML = `${lq1} orang`;  
// hitung wq  
var wq = (lq/lid)  
var wq1 = Math.round(wq*60)  
hasilwq.innerHTML = `${wq1} menit`;  
// hitung w  
var w = wq+(1/m)  
var w1 = Math.round(w*60)
```

```
hasilw.innerHTML = `${w1} menit`;  
// hitung l  
var l = Math.round(lid*w)  
hasil.innerHTML = `${l} orang`;  
})  
</script>  
</div>
```