1 Backup data

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42 | function backup($conn,$filename,$path)  {  $tables = array();  $result = mysqli\_query($conn,"SHOW TABLES");  while($row = mysqli\_fetch\_row($result)){  $tables[] = $row[0];  }  $return = '';  foreach($tables as $table){  $result = mysqli\_query($conn,"SELECT \* FROM ".$table);  $num\_fields = mysqli\_num\_fields($result);    $return .= 'DROP TABLE '.$table.';';  $row2 = mysqli\_fetch\_row(mysqli\_query($conn,"SHOW CREATE TABLE ".$table));  $return .= "\n\n".$row2[1].";\n\n";    for($i=0;$i<$num\_fields;$i++){  while($row = mysqli\_fetch\_row($result)){  $return .= "INSERT INTO ".$table." VALUES(";  for($j=0;$j<$num\_fields;$j++){  $row[$j] = addslashes($row[$j]);  if(isset($row[$j])){ $return .= '"'.$row[$j].'"';}  else{ $return .= '""';}  if($j<$num\_fields-1){ $return .= ',';}  }  $return .= ");\n";  }  }  $return .= "\n\n\n";  }  //save file  $file\_name = $path.'/'.$filename.".sql";  $handle = fopen($file\_name,"w+");  fwrite($handle,$return);  fclose($handle);  $download\_link = "<div class='alert alert-success' role='alert'>Silahkan tekan tombol unduh. &nbsp;&nbsp; <a href='$file\_name' class='btn btn-sm btn-info' target='\_blank'>Unduh Database!</a></div>";  return $download\_link;  } |

|  |
| --- |
| 1  42  9  30  17  28  25  20 |

Rumus : V(G) = E – N + 2 = 10 - 8 + 2 = 4

1. 1 - 42

2. 1 - 9 - 30 - 42

3. 1 - 9 - 17 - 28 - 30 - 42

4. 1 - 9 - 17 - 20 - 25 - 28 - 30 – 42

2. restore data

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15 | function restore($conn,$file\_name)  {  $filename = 'restore/'.$file\_name;  $handle = fopen($filename,"r+");  $contents = fread($handle,filesize($filename));  $sql = explode(';',$contents);  foreach($sql as $query){  $result = mysqli\_query($conn,$query);  }  fclose($handle);    return '<div class="alert alert-success" role="alert">Database Telah Dikembalikan.</div>';  } |

|  |
| --- |
| 1  15  8  10 |

Rumus : V(G) = E – N + 2 = 4 - 4 + 2 = 2

1. 1 - 15

2. 1 - 8 - 20 - 15

3. tombol simpan tukang (master)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20 | if (isset($\_POST['simpan\_tukang'])) {  $kd\_tukang = $\_POST['kd\_tukang'];  $nm\_tukang = ucwords($\_POST['nm\_tukang']);  $alamat = ucwords($\_POST['alamat']);  $telp = $\_POST['telp'];  $simpan = mysqli\_query($conn, "INSERT INTO mtukang VALUES('$kd\_tukang','$nm\_tukang','$alamat','$telp')");  if($simpan) {  header("location: m-tukang.php");  } else {  echo "  <script>  alert('Data Gagal Di Simpan . . . ');  window.location = 't-data-tukang.php';  </script>  ";  }  } |

|  |
| --- |
| 2..9  10  12  11  20  1 |

Rumus : V(G) = E – N + 2 = 7 - 6 + 2 = 3

1. 1 - 20

2. 1 - 2..9 - 10 - 12 - 20

3. 1 - 2..9 – 10 – 11 – 20

4. tombol ubah tukang (master)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20 | if (isset($\_POST['ubah\_tukang'])) {  $kd\_tukang = $\_POST['kd\_tukang'];  $nm\_tukang = ucwords($\_POST['nm\_tukang']);  $alamat = ucwords($\_POST['alamat']);  $telp = $\_POST['telp'];  $ubah = mysqli\_query($conn,"UPDATE mtukang SET nama = '$nm\_tukang', alamat = '$alamat', telp = '$telp' WHERE id\_tukang = '$kd\_tukang'");  if ($ubah) {  header('location:m-tukang.php');  } else {  echo "  <script>  alert('Gagal Di Ubah!');  window.location = 'u-data-tukang.php?idtukang=$kd\_tukang';  </script>  ";  }  } |

|  |
| --- |
| 1  2..8  11  13..18  10  20 |

Rumus : V(G) = E – N + 2 = 6 - 5 + 2 = 3

1. 1 - 20

2. 1 - 2..8 - 10 - 11 - 20

3. 1 – 2..8 - 10 – 13..18 – 20

5. tombol hapus tukang (master)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16 | if (isset($\_GET['hapus']) && $\_GET['hapus'] == 'datatukang') {  $kd\_tukang = $\_GET['idtukang'];    $hapus = mysqli\_query($conn, "DELETE FROM mtukang WHERE id\_tukang = '$kd\_tukang'");  if ($hapus) {  header('location:m-tukang.php');  } else {  echo "  <script>  alert('Gagal Di Hapus!');  window.location = 'm-tukang.php';  </script>  ";  }  } |

|  |
| --- |
| 1  2..4  7  8..15  6  16 |

Rumus : V(G) = E – N + 2 = 7 - 6 + 2 = 3

1. 1 - 16

2. 1 - 2..4 - 6 - 8..15 - 16

3. 1 – 2..4 - 6 – 7 – 16

6. simpan pemesanan (transaksi)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24 | if (isset($\_POST['simpan\_pemesanan'])) {  $no\_pesan = $\_POST['no\_pesan'];  $jenis = ucwords($\_POST['jenis']);  $jumlah = $\_POST['jumlah'];  $nm\_pel = $\_POST['nm\_pel'];  $nm\_barang = ucwords($\_POST['nm\_barang']);  $tgl\_beli = $\_POST['tgl\_beli'];  $ukuran = $\_POST['ukuran'];  $ket = $\_POST['ket'];    $simpan = mysqli\_query($conn, "INSERT INTO tpemesanan VALUES('$no\_pesan','$nm\_pel','$jenis','$nm\_barang','$tgl\_beli','','$ukuran','$jumlah','','$ket')");  if($simpan) {  header("location: pemesanan.php");  } else {  echo "  <script>  alert('Data Gagal Di Simpan . . . ');  window.location = 't-pemesanan.php';  </script>  ";  }  } |

|  |
| --- |
| 2..11  14  17..22  15  24  1 |

Rumus : V(G) = E – N + 2 = 7 - 6 + 2 = 3

1. 1 - 24

2. 1 - 2..11 - 14 - 15 - 24

3. 1 – 2..11 - 14 – 17..22 – 24

7. ubah pemesanan (transaksi)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25 | if (isset($\_POST['ubah\_pemesanan'])) {  $no\_pesan = $\_POST['no\_pesan'];  $jenis = ucwords($\_POST['jenis']);  $jumlah = $\_POST['jumlah'];  $nm\_pel = $\_POST['nm\_pel'];  $nm\_barang = ucwords($\_POST['nm\_barang']);  $tgl\_beli = $\_POST['tgl\_beli'];  $ukuran = $\_POST['ukuran'];  $ket = $\_POST['ket'];  $ubah = mysqli\_query($conn,"UPDATE tpemesanan SET id\_pelanggan = '$nm\_pel', jenis = '$jenis', namabarang = '$nm\_barang', tanggal = '$tgl\_beli', jhitung = '$ukuran', jpesanan = '$jumlah', ket = '$ket' WHERE no\_pesanan = '$no\_pesan'");  if ($ubah) {  header('location:pemesanan.php');  } else {  echo "  <script>  alert('Gagal Di Ubah!');  window.location = 'u-pemesanan.php?nopesan=$no\_pesan';  </script>  ";  }  } |

|  |
| --- |
| 2..11  15  18..23  16  25  1 |

Rumus : V(G) = E – N + 2 = 7 -6 + 2 = 3

1. 1 - 25

2. 1 - 2..11 - 15 - 16 - 25

3. 1 – 2..11 - 15 – 18..23 – 25

8. tombol hapus pemesanan (transaksi)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16 | if (isset($\_GET['hapus']) && $\_GET['hapus'] == 'datatukang') {  $kd\_tukang = $\_GET['idtukang'];    $hapus = mysqli\_query($conn, "DELETE FROM mtukang WHERE id\_tukang = '$kd\_tukang'");  if ($hapus) {  header('location:m-tukang.php');  } else {  echo "  <script>  alert('Gagal Di Hapus!');  window.location = 'm-tukang.php';  </script>  ";  }  } |

|  |
| --- |
| 1  2..4  7  8..15  6  16 |

Rumus : V(G) = E – N + 2 = 6 - 5 + 2 = 3

1. 1 - 16

2. 1 - 2..4 - 6 - 8..15 - 16

3. 1 – 2..4 - 6 – 7 – 16