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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Untitled Document</title>
</head>

<body>
<?php // file: hr_db.inc
function db_connect($username = ORA_CON_UN, $password = ORA_CON_PW)
{
    $conn = @oci_connect($username, $password, ORA_CON_DB);
    if (!$conn) {
        db_error(null, __FILE__, __LINE__);
        return false;
    }
    return($conn);
}

function db_do_query($conn, $statement,
                    $resulttype = OCI_FETCHSTATEMENT_BY_ROW,
                    $bindvars = array())
{
    $stid = @oci_parse($conn, $statement);
    if (!$stid){
        $db_error(nul, __FILE__, __LINE__);
        return false;
    }

    // set nilai parameter query
    foreach ($bindvars as $b){
        //ciptakan variabel lokal dengan panggilan yang spesifik terhadap nilai set
        $$b[0] = $b[1];
        //oci_bind_by_name(resource, bv_name, php_variable, length)
        $r = @oci_bind_by_name($stid, ":$b[0]", $$b[0], $b[2]);
        if (!$r){
            db_error (null, __FILE__, __LINE__);
            return false;
        }
    }

    $r = @oci_execute($stid, OCI_DEFAULT);
    if (!$r){
        db_error(null, __FILE__, __LINE__);
        return false;
    }
}

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    }

    $r = @oci_fetch_all($stid, $results, null, null, $resulttype);

    return ($results);
}

// $r adalah tempat penampungan error
// lewatkan tanpa argumen atau bernilai false untuk koneksi yang error
function db_error($r = false, $file, $line)
{
    $err = $r ? @oci_error($r) : @oci_error();

    if (isset($err['message'])) {
        $m = htmlentities($err['message']);
        $c = $err['code'];
    }
    else {
        $m = 'Unknown DB error';
        $c = null;
    }

    $src = array(
        'MESSAGE' => $m,
        'CODE' => $c,
        'FILE' => $file,
        'LINE' => $line);

    // Simpan informasi error ke daerah session
    $_SESSION['err'] = $src;
}
?>
</body>
</html>

```