```php
<?php
    session_start();
    if(array_key_exists("id",$_COOKIE))
    {
        $_SESSION['id'] = $_COOKIE['id'];
    }

    if(array_key_exists("id",$_SESSION))
    {
        echo "<p>you are now logged in as ".$_SESSION["id"].". <a
            href='index.php?logout=1'>Log out</a></p>";
    }
    else
    {
        header("Location: index.php");
    }
?>
```