

WEATHER STATION

```
setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
$sql = <<exec($sql); $sql = <<exec($sql); $temp = rand(-10,45); $pres
= rand(28,32); $hum = rand(30,95); $sql = <<exec($sql); $stmt = $db-
>prepare($sql); $stmt->bindParam(':temp',$temp); $stmt-
>bindParam(':hum',$hum); $stmt->bindParam(':pres',$pres); $stmt-
>execute(); $result = $db->query('SELECT * FROM current');
foreach($result as $row) { list($id, $message, $createdAt) = $row; $output
= "
```

```
        Current Temperature: $id°F
        "; $output .= "Humidity: $message%
        "; $output .= "Pressure: $createdAt Hg
        "; // echo $output; } echo $output; //Will update ave, compare high and
low $result = $db->query('SELECT * FROM average'); foreach($result
as $row){ list($id, $ave, $high,$low,$total) = $row; break; } $ave =
($temp + $ave); if($high < $temp) { $high = $temp; } if($low>$temp)
{ $low = $temp; } $total = $total + 1; $current_ave = round($ave/$total,
2); echo "High: $high°F
        "; echo "Low: $low°F
        "; echo "Today's Average: $current_ave°F
        "; $stmt = $db->prepare("UPDATE average SET ave = :ave WHERE ID
= '1'"); $stmt->bindParam(':ave', $ave); $stmt->execute(); $stmt = $db-
>prepare("UPDATE average SET high = :high WHERE ID = '1'"); $stmt-
>bindParam(':high', $high); $stmt->execute(); $stmt = $db-
>prepare("UPDATE average SET low = :low WHERE ID = '1'"); $stmt-
>bindParam(':low', $low); $stmt->execute(); $stmt = $db-
>prepare("UPDATE average SET total = :total WHERE ID = '1'"); $stmt-
>bindParam(':total', $total); $stmt->execute(); echo ""; echo "
        "; echo "
        "; echo "
        "; echo "
```

```
        "; echo "  
        "; echo "  
        "; echo "  
        "; echo "  
"; } catch(PDOException $e){ echo $e->getMessage(); echo $e-  
    >getTraceAsString(); } ?>
```