

RE: calculating Payroll

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-12/5924.html>

From: yapster (yapster_at_discussions.microsoft.com)

Date: 12/28/04

Date: Tue, 28 Dec 2004 12:41:04 -0800

Thanks Paul

"Paul" wrote:

```
>
> If I understand your post correctly you want to pay them for half of an hour
> if they work between 1 and 30 minutes and a full hour if they work between 31
> and 59 minutes. If so then the following should work for you. You'll need
> to turn this into a query to match your db structure...
>
>
> DECLARE
> @BeginDate AS SMALLDATETIME,
> @EndDate AS SMALLDATETIME,
> @HourlyRate AS DECIMAL(5, 2)
>
> SET @BeginDate = '01/15/2005 10:24 AM'
> SET @EndDate = '01/15/2005 03:38 PM'
>
> SET @HourlyRate = '12.5'
>
> PRINT
> (
> DATEDIFF(hh, @BeginDate, @EndDate) +
> CASE
> WHEN (DATEDIFF(mi, @BeginDate, @EndDate) % 60) = 0 THEN 0.0
> WHEN (DATEDIFF(mi, @BeginDate, @EndDate) % 60) <= 30 THEN .5
> WHEN (DATEDIFF(mi, @BeginDate, @EndDate) % 60) > 30 THEN 1.0
> ELSE 0.0
> END
> )
> * @HourlyRate
>
> Hope this helps.
>
> Paul
>
```

> "yapster" wrote:

>

> > *I am stuck in how to calculate a person's salary based on hours worked and*

> > *rate. To calculate the salary on an hourly basis per day, I need to*

> > *calculate the hours worked based on start time and end time rounded to the*

> > *bottom hour. Then the hours worked is multiplied by the hourly rate. I am*

> > *stuck on how to write the SQL to calculate the salary earned for that day.*

> > *The values are as follows:*

> >

> > *Begin Time: 10:24*

> > *End Time: 15:38*

> > *Rate: 12.50 per hour*

> >

> > *The result should be 5.5 hours (5:14 actual time rounded) * 12.50 per hour.*

> > *Total pay = \$68.75 dollars*

> >