
Posted by [pastor](#) on Tue, 09 Jan 2024 12:13:04 GMT

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```
select datediff( year, cast('27.07.1990' as date), cast('01.01.2024' as date)),
       dateadd( year, 34, cast('27.07.1990' as date))
from RDB$DATABASE
```

```
select datediff( year, :DATE_BORN, CURRENT_DATE) -
       iif( dateadd( year, (datediff( year, :DATE_BORN, CURRENT_DATE)),
:DATE_BORN) > CURRENT_DATE, 1, 0)
from RDB$DATABASE
```

Posted by [sim_84](#) on Tue, 09 Jan 2024 12:29:20 GMT

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```
select trunc((datediff( day, cast('27.07.1990' as date), CURRENT_DATE) + 1) / 365.25)
from RDB$DATABASE
```

Posted by [SD](#) on Tue, 09 Jan 2024 13:00:02 GMT

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Posted by [shavluk](#) on Tue, 09 Jan 2024 13:13:18 GMT

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```
create or alter function GET_DATE_PART (  
    D1 date,  
    D2 date,  
    VID integer = 0)  
returns integer  
as  
declare variable y int;  
declare variable d01 date;  
declare variable d02 date;  
begin  
    d01 = minvalue(d1, d2);  
    d02 = maxvalue(d1, d2);  
  
    y = d02 - d01 + 1;  
else  
  
    y = datediff(month, d01 - extract(day from d01) + 1, d02 - extract(day from d01) + 2);  
else  
  
begin  
    y = extract(year from d02) - extract(year from d01);  
    if (dateadd(year, y, d01) > d02) then  
        y = y - 1;  
    end  
  
    if (d2 < d1) then y = -y;  
    return y;  
end  
GET_DATE_PART('27.07.1990', '01.01.2024', 2) = 33
```

Posted by [shalamyansky](#) on Tue, 09 Jan 2024 14:04:00 GMT
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https://sqlru.net/index.php/m/2070/#msg_2070

```
create function calculate_age(
    birthday date
    , otherday date
)returns
    integer
as
    declare variable birthyear integer;
    declare variable otheryear integer;
    declare variable age integer;
begin

    birthyear = extract( year from birthday );
    otheryear = extract( year from otherday );
    age = otheryear - birthyear;

    if( extract( month from birthday ) > extract( month from otherday ) )then
begin
    age = age - 1;
end else if( extract( month from birthday ) = extract( month from otherday ) )then begin
    age = iif( extract( day from birthday ) > extract( day from otherday ), age - 1,
age );
end

    return age;
end
```
