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SQL 3550

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1. I would assume that this is slow because we are querying the entire table and every row. Now there are many ways to actually speed this up. I believe a faster solution would be to perform a cursor and then use a Stored Procedure to print out the found phone number row to the given data. They would just need to ask for at least 3 or 4 numbers from their phone and that would provide enough data to display the proper information

/\* Northwind customers call the support team at the Northwind company to have their questions answered about their orders.

When a customer support representative receives a call, the representative asks typically for the phone number of the

customer and search for the customer information based on the phone number. The phone number information is available in Customers table.

The support staff is complaining that the search based on the phone number is slow (assuming that Northwind has millions of customers).

Propose and implement a solution to the situation. \*/

create or alter procedure sp\_phonePrint

(@phoneNum varchar(50))

as

begin

select \* from Customers where Phone like @phoneNum

-- add delete statement to delete the order\_details

end

go

declare find\_phone cursor

for

select phone from Customers where phone like '%88%'

declare @phoneNum varchar(50)

open find\_phone;

fetch next from find\_phone

into @phoneNum;

while @@FETCH\_STATUS = 0

begin

execute sp\_phonePrint @phoneNum

fetch next from find\_phone

into @phoneNum;

end;

close find\_phone

deallocate find\_phone