

sql中怎么根据汉字的拼音首字母查询_百度知道

---测试数据---

```
if object_id('[pactinfo]') is not null drop table [pactinfo]
go
```

```
create table [pactinfo] ([ID] int, [pactname] varchar(4))
```

```
insert [pactinfo]
```

```
select 1, '正常' union all
```

```
select 2, '中国' union all
```

```
select 3, '做饭' union all
```

```
select 4, '加发'
```

---引用前辈们的一个函数---

```
create function f_GetPy (@str nvarchar(4000))
```

```
returns nvarchar(4000)
```

```
as
```

```
begin
```

```
declare @strlen int, @re nvarchar(4000)
```

```
declare @t table (chr nchar(1) collate Chinese_PRC_CI_AS, letter nchar(1))
```

```
insert into @t (chr, letter)
```

```
select '吖 ', 'A ' union all select '八 ', 'B ' union all
```

```
select '嚓 ', 'C ' union all select '咁 ', 'D ' union all
```

```
select '婀 ', 'E ' union all select '发 ', 'F ' union all
```

```
select '沓 ', 'G ' union all select '钐 ', 'H ' union all
```

```
select '开 ', 'J ' union all select '咋 ', 'K ' union all
```

```
select '垃 ', 'L ' union all select '咧 ', 'M ' union all
```

```
select '拏 ', 'N ' union all select '噢 ', 'O ' union all
```

```
select '把 ', 'P ' union all select '七 ', 'Q ' union all
```

```
select '哏 ', 'R ' union all select '仨 ', 'S ' union all
```

```
select '他 ', 'T ' union all select '仝 ', 'W ' union all
```

```
select '夕 ', 'X ' union all select '丫 ', 'Y ' union all
```

```
select '币 ', 'Z '
```

```
select @strlen = len(@str), @re = ''
```

```
while @strlen > 0
```

```
begin
```

```
select top 1 @re = letter + @re, @strlen = @strlen - 1
```

```
from @t a where chr <= substring(@str, @strlen, 1)
```

```
order by chr desc
```

```
if @@rowcount = 0
```

```
select @re = substring(@str, @strlen, 1) + @re, @strlen = @strlen - 1
```

```
end
```

```
return (@re)
```

```
end
```

---查询---

```
select
```

```
*
```

```
from
```

```
[pactinfo]
```

```
where
```

```
left(dbo.f_GetPy(pactname), 1) = 'Z'
```

---结果---

ID	pactname
1	正常
2	中国
3	做饭

(所影响的行数为 3 行)