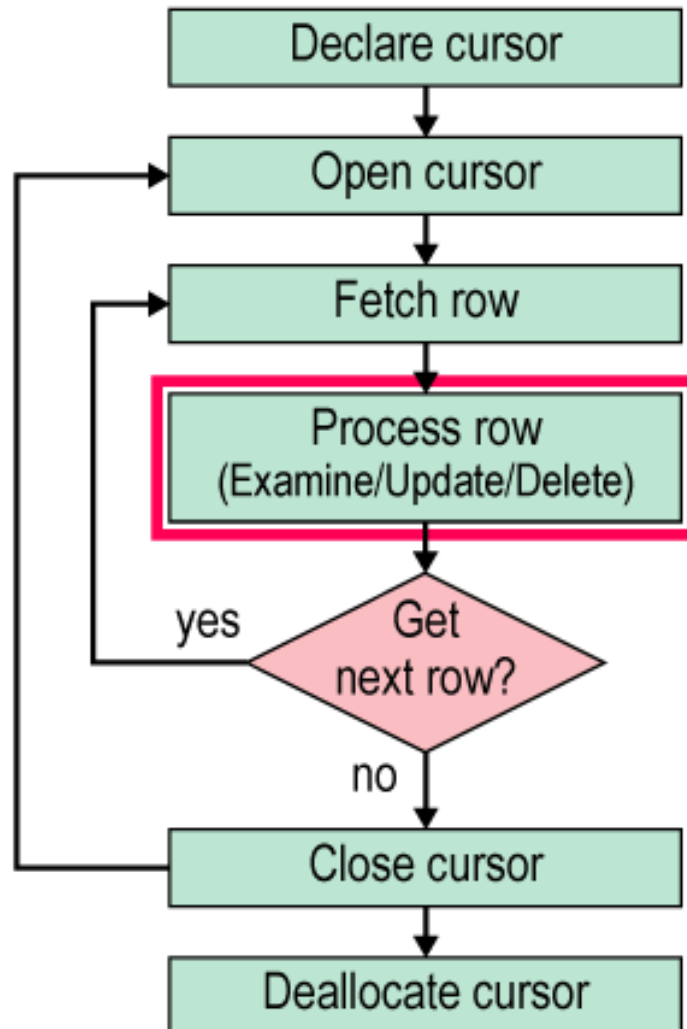


Cursors



-- is a mechanism that processes the result row-by-row

```
declare s_cur cursor
for select st_id, st_fname from student
for read only --update
```

```
declare @id int
declare @name nvarchar(50)
open s_cur
```

```
fetch s_cur into @id, @name
```

```
--returns 0 success -- 1 failed --2 no more rows  
to fetch
```

```
While @@fetch_status=0
```

```
begin
```

```
    select @id,@name
```

```
    fetch s_cur into @id,@name
```

```
end
```

```
close s_cur
```

```
deallocate s_cur
```

```
declare t_cur cursor
```

```
    for select t_id,t_name,sal from teacher
```

```
    for update
```

```
declare @id int
```

```
declare @name nvarchar(50)
```

```
declare @s int
```

```
open t_cur
```

```
fetch t_cur into @id,@name,@s
```

```
While @@fetch_status=0
```

```
begin
```

```
    if @s<1000
```

```
    begin
```

```
        update teacher set sal= @s*1.10 where
```

```
        current of t_cur
```

```
    end
```

```
    fetch t_cur into @id,@name,@s
```

```
end
```

```
close t_cur
```

```
deallocate t_cur
```

```
//      set cursor rows 5 for biz_book
```

```
backup database iti2  
to disk='d:\db\iti.bak'
```