

ALGORITAMSKA NOTACIJA AKCIONIH DIJAGRAMA

Procedura (>UlazniArg, <IzlazniArg, <>UlaznoIzlazniArg, ...)

Postupak Postupak
 -> : Postupak1
 : Postupak2

IF (LogickiIzraz)	IF (LogickiIzraz)	IF (LogickiIzraz1)
PostupakIf	PostupakIf	PostupakIf1
	+ -	+ - (LogickiIzraz2)
	PostupakElse	PostupakIf2
		+ -
		PostupakElse

while petlja “dokle god”

DO WHILE (LogickiIzraz)
| Postupak

until petlja “sve dok ne”

DO
| Postupak
+ - UNTIL (LogickiIzraz)

for petlja “za svako i”

DO FOR (i = Poc,Zad,Korak)
| Postupak

for petlja “za svaki element u skupu”

DO FOR EACH (Element IN Skup)
| Postupak

for petlja “zauvek” (podrazumeva se da u telu postoji iskrok)

DO FOREVER
| Postupak

for iskrok iz petlje

<---EXIT

UGRADJENI SQL

DeklaracijaSpreznihVarijabli ::=

EXEC SQL BEGIN DECLARE SECTION ;
DeklaracijeVarijabliProgramskogJezika
EXEC SQL END DECLARE SECTION ;

ProgramskiSELECTJedanRed ::=

EXEC SQL SELECT { R-Izraz | G-Izraz } ,..
INTO { :Varijabla } ,..
FROM { Tabela [Nadimak] } ,..
[WHERE R-Predikat]
[GROUP BY Kolona ,..
[HAVING G-Predikat]] ;

ProgramskiINSERTJedanRed ::=

```
EXEC SQL INSERT INTO Tabela [ ( Kolona ,... ) ]  
      VALUES ( { { :Varijabla } | Konstanta } ,... ) ;
```

ProgramskiDELETE ::=

```
EXEC SQL DELETE FROM Tabela [ Nadimak ]  
      [ WHERE R-Predikat ] ;
```

ProgramskiUPDATE ::=

```
EXEC SQL UPDATE Tabela [ Nadimak ]  
      SET { Kolona = R-Izraz } ,...  
      [ WHERE R-Predikat ] ;
```

DeklaracijaKursora ::=

```
EXEC SQL DECLARE CURSOR Kursor  
      FOR R-Upit ;
```

OtvaranjeKursora ::=

```
EXEC SQL OPEN CURSOR Kursor ;
```

ZatvaranjeKursora ::=

```
EXEC SQL CLOSE CURSOR Kursor ;
```

CitanjeRedaKursora ::=

```
EXEC SQL FETCH Kursor  
      INTO :Varijabla ,... ;
```

IzmenaRedaKursora ::=

```
EXEC SQL UPDATE Tabela  
      SET { Kolona = R-Izraz } ,...  
      WHERE CURRENT OF Kursor ;
```

UklanjanjeRedaKursora ::=

```
EXEC SQL DELETE FROM Tabela  
      WHERE CURRENT OF Kursor ;
```

IteriranjeKrozTabelu:

```
DO FOREVER  
| ...  
| EXEC SQL FETCH Kursor INTO :Varijabla ,... ;  
| ...  
| IF UslovKraja  
<-|--EXIT  
| ...
```

DefinicijaObradeIzuzetka ::=

```
EXEC SQL WHENEVER Ishod CONTINUE | { GOTO Labela } ;
```

Ishod :=`

```
Konstanta | { { SQLWARNING | NOT FOUND } | SQLERROR }
```

konstanta 0 znaci ispravnost