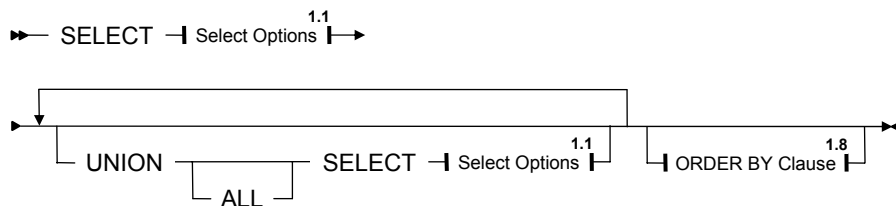
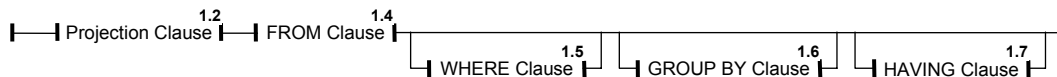
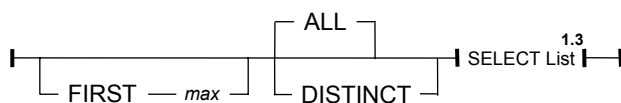
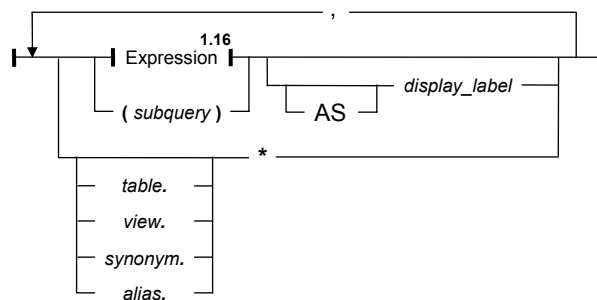
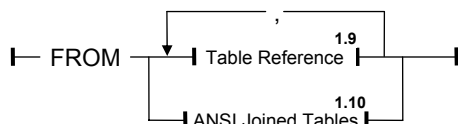
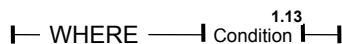
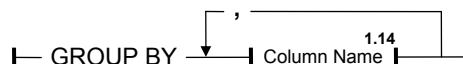
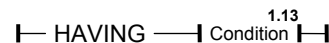
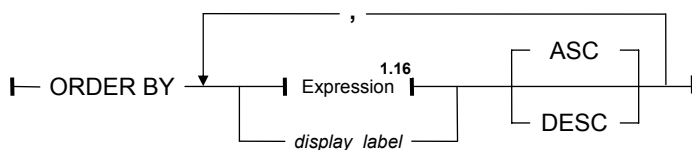
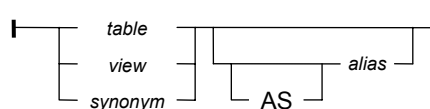
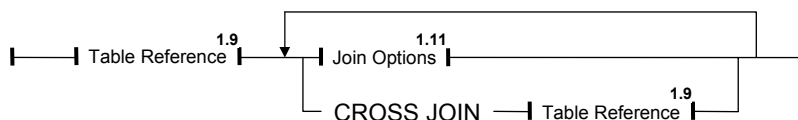
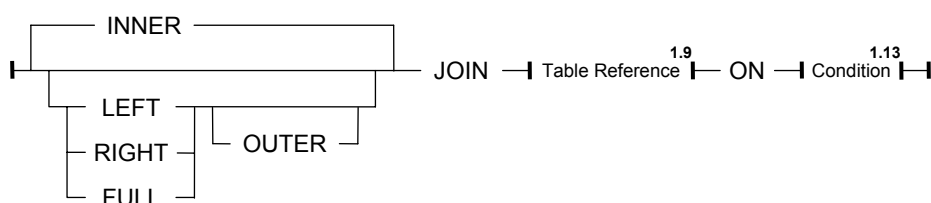
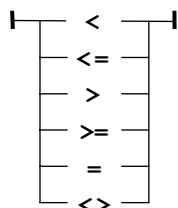
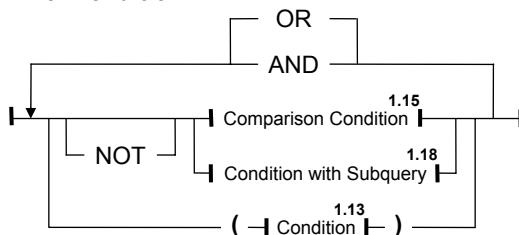
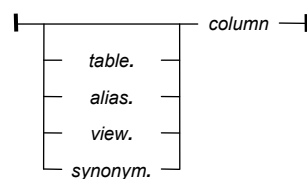
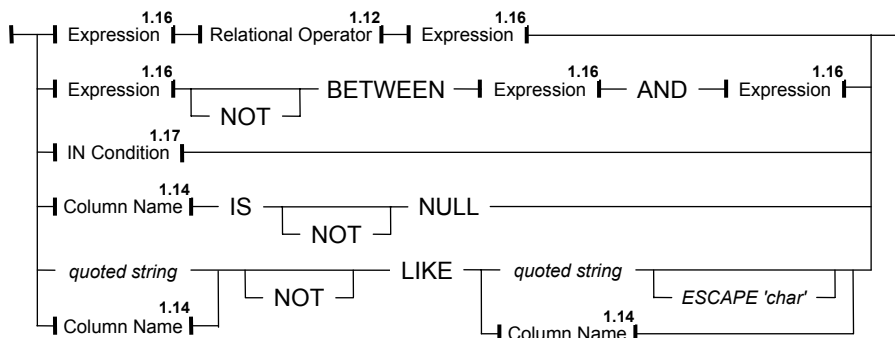
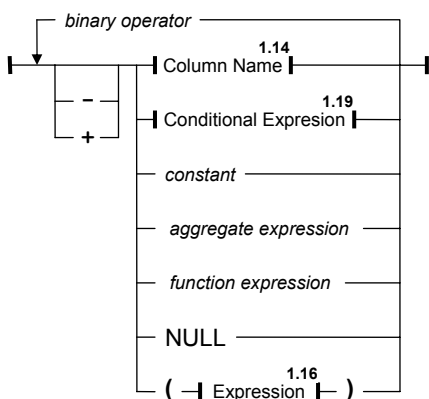
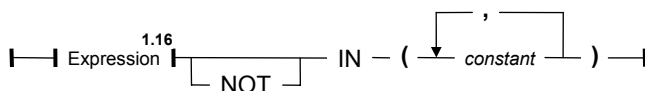
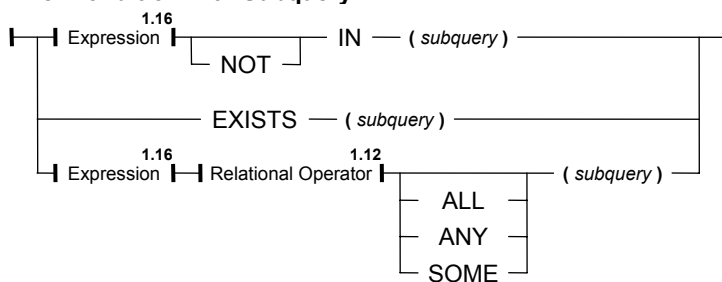
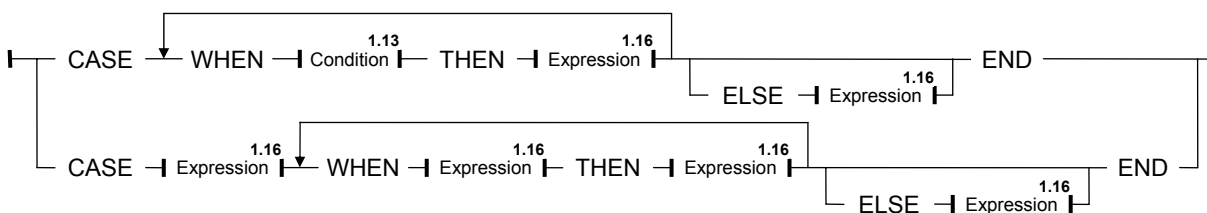
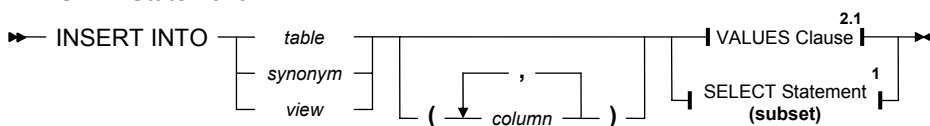
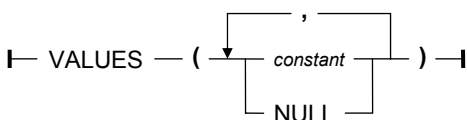
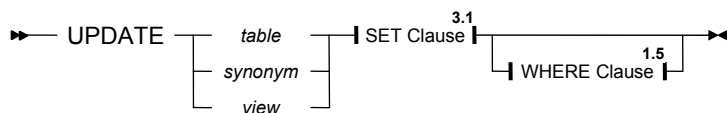
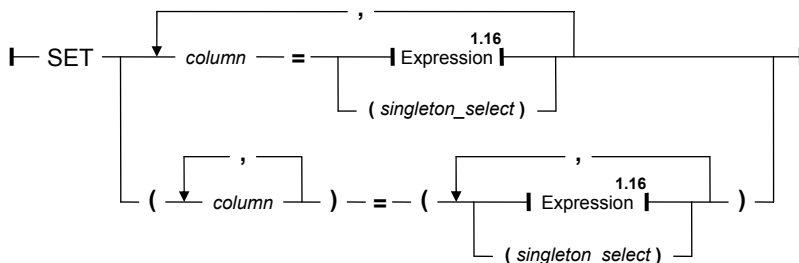
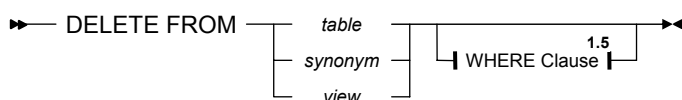
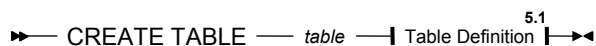
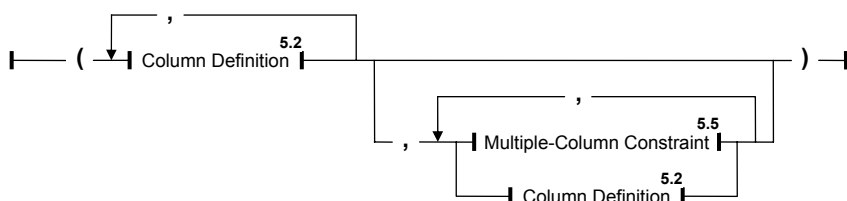
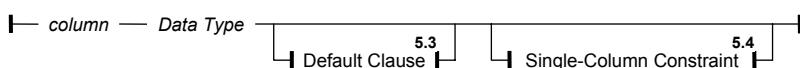
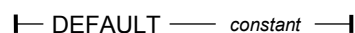
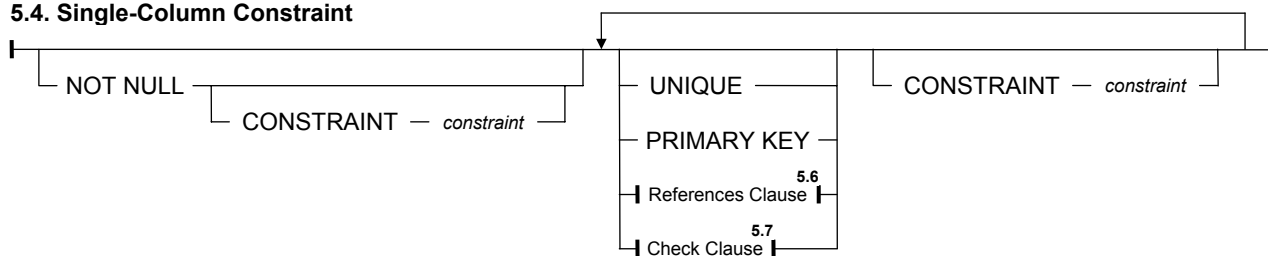
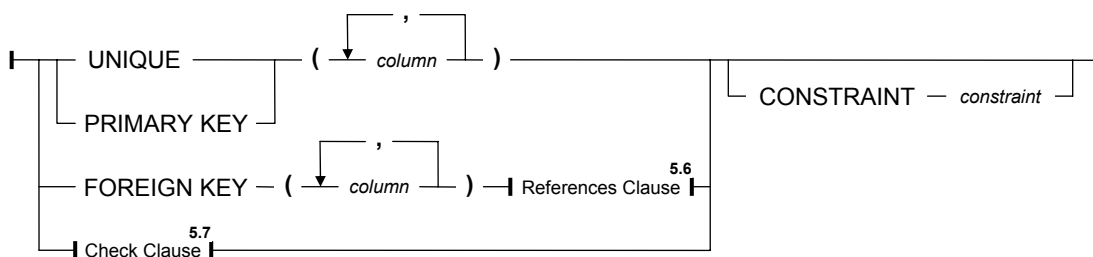
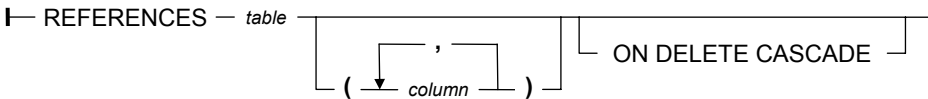


1. SELECT Statement**1.1. SELECT Options****1.2. Projection Clause****1.3 SELECT List****1.4. FROM Clause****1.5. WHERE Clause****1.6. GROUP BY Clause****1.7. HAVING Clause****1.8. ORDER BY Clause****1.9. Table Reference****1.10. ANSI Joined Tables****1.11. Join Options**

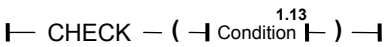
1.12. Relational Operator**1.13. Condition****1.14. Column Name****1.15. Comparison Condition****1.16. Expression****1.17. IN Condition****1.18. Condition with Subquery****1.19. Conditional Expression****2. INSERT Statement****2.1. VALUES Clause**

3. UPDATE Statement**3.1. SET Clause****4. DELETE Statement****5. CREATE TABLE Statement****5.1. Table Definition****5.2. Column Definition****5.3. Default Clause****5.4. Single-Column Constraint****5.5. Multiple-Column Constraint**

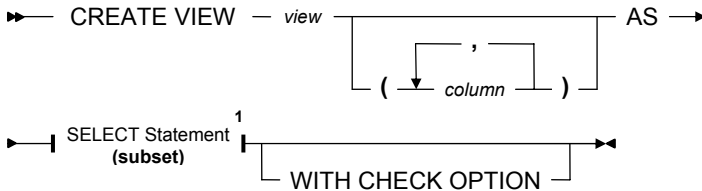
5.6. References Clause



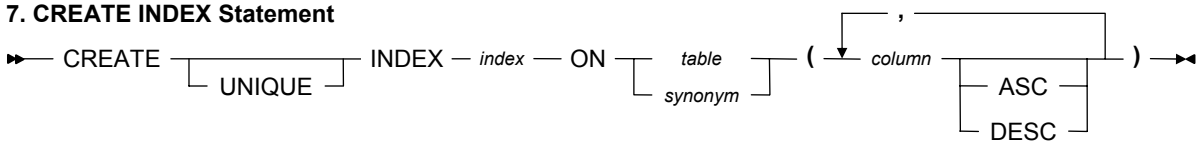
5.7. Check Clause



6. CREATE VIEW Statement



7. CREATE INDEX Statement



Za B⁺-stablo reda n vrijedi

korijen:

- min. broj kazaljki na podređene čvorove: **2**
- maks. broj kazaljki na podređene čvorove: **n**

ostali interni čvorovi:

- min. broj kazaljki na podređene čvorove: $\lceil n/2 \rceil$
- maks. broj kazaljki na podređene čvorove: **n**

listovi:

- min. broj kazaljki na zapise u blokovima s podacima: $\lceil (n-1)/2 \rceil$
- maks. broj kazaljki na zapise u blokovima s podacima: **n-1**

ABS (num_expression)

num_expression – izraz numeričkog tipa

MOD (dividend, divisor)

dividend (djeljjenik) – izraz numeričkog tipa
divisor (djeljitelj) – izraz numeričkog tipa

ROUND (expression[, rounding_factor])

expression – izraz numeričkog tipa
rounding_factor – izraz cjelobrojnog tipa

SUBSTRING (source_string FROM start_position [FOR length])

source_string – izraz tipa niza znakova
start_position – izraz cjelobrojnog tipa
length(duljina) – izraz cjelobrojnog tipa

UPPER (expression)

LOWER (expression)

expression – izraz tipa niza znakova

TRIM(expression)

expression – izraz tipa niza znakova

CHAR_LENGTH(expression)

OCTET_LENGTH(expression)

expression – izraz tipa niza znakova

USER

TODAY

MDY(month, day, year)

month – izraz cjelobrojnog tipa
day – izraz cjelobrojnog tipa
year – izraz cjelobrojnog tipa

DAY(date_expression)

MONTH(date_expression)

YEAR(date_expression)

WEEKDAY(date_expression)

date_expression – izraz tipa DATE

```
GRANT dbPrivilege TO { PUBLIC | userList }
```

```
REVOKE dbPrivilege FROM { PUBLIC | userList }
```

```
GRANT tablePrivilegeList ON { tableName | viewName }  
TO { PUBLIC | userList | roleList }  
[ WITH GRANT OPTION ]
```

```
REVOKE tablePrivilegeList ON { tableName | viewName }  
FROM { PUBLIC | userList | roleList }  
[ CASCADE | RESTRICT ]
```

```
CREATE ROLE roleName
```

```
DROP ROLE roleName
```

```
GRANT roleName TO { PUBLIC | userList }
```

```
REVOKE roleName FROM { PUBLIC | userList }
```

```
SET ROLE { roleName | NONE }
```

```
CREATE PRIVATE SYNONYM
```

```
userName.synonym FOR { tableName | viewName }
```

```
DROP SYNONYM synonym
```

Podsjetnik na SPL sintaksu

```

CREATE { PROCEDURE | FUNCTION } naziv (arg tip, arg LIKE rel.atr, ...)
    RETURNING tip AS ime, tip AS ime, ...

DEFINE var tip;
DEFINE var LIKE rel.atr;

LET var = var + var;
LET var = (SELECT atr FROM rel WHERE ...);
LET var = fun(...);

CALL fun(...) RETURNING var, var, ...;

EXECUTE PROCEDURE proc(...);

SELECT atr, atr, ... INTO var, var, ...
    FROM rel
    WHERE ...;

RAISE EXCEPTION -746, 0, 'Tekst s opisom pogreške';

IF uvjet THEN
    naredbe;
ELIF uvjet THEN
    naredbe;
...
ELSE
    naredbe;
END IF;

WHILE uvjet
    naredbe;
...
EXIT WHILE;
CONTINUE WHILE;
END WHILE;

FOR i = m TO n STEP k
    naredbe;
...
EXIT FOR;
CONTINUE FOR;
END FOR;

RETURN var, var, ...;

END { PROCEDURE | FUNCTION };

EXECUTE PROCEDURE naziv (arg, arg, ...);
EXECUTE FUNCTION naziv (arg, arg, ...);
DROP { PROCEDURE | FUNCTION } naziv;

```

Podsjetnik na sintaksu naredbe za kreiranje okidača

```

CREATE TRIGGER naziv
{ INSERT ON rel |
  UPDATE OF atr, atr, ... ON rel |
  UPDATE ON rel |
  DELETE ON rel }
REFERENCING NEW AS noviRedak OLD AS stariRedak
FOR EACH ROW
    WHEN (uvjet)
    (INSERT ..., UPDATE ..., DELETE ..., EXECUTE PROCEDURE ...);

DROP TRIGGER naziv;

```