

# 2.Odovzdávka

Databázové systémy

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cv. Streda 10:50

## Script na naplnenie databázy

--Pozicie

```
INSERT INTO POZICIA (nazov, HODINOVA_MZDA) VALUES ('Veduca jedalne', 4.2);
INSERT INTO POZICIA (nazov, HODINOVA_MZDA) VALUES ('Kuchar', 3.8);
INSERT INTO POZICIA (nazov, HODINOVA_MZDA) VALUES ('Vydavac stravy', 3.5);
INSERT INTO POZICIA (nazov, HODINOVA_MZDA, POZNAMKA) VALUES ('Pomocna sila',
2.5, 'Vypomaha v kuchyni(cistenie zemiakov, umyvanie riadov)');
INSERT INTO POZICIA (nazov, HODINOVA_MZDA, POZNAMKA) VALUES ('Pokladnicka',
3.5, 'V pripade ze sa za jedlo plati na mieste');
```

-- Menu:

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INSERT INTO MENU (nazov) VALUES ('Vegetarianske menu');
INSERT INTO MENU (nazov) VALUES ('Extra masove menu');
INSERT INTO MENU (nazov) VALUES ('Sladke menu');
INSERT INTO MENU (nazov) VALUES ('Piatkove menu');
INSERT INTO MENU (nazov) VALUES ('Pikantne menu');
INSERT INTO MENU (nazov) VALUES ('Medzinarodne menu');
```

--Inserts jedalen:

```
INSERT INTO JEDALEN (mesto, nazov, ulica, cislo_domu, percento_navysenia) values
('Bratislava', 'Jedalen pod Hradom','Pod hradom',5, 20.00 );
INSERT INTO JEDALEN (mesto, nazov, ulica, cislo_domu, percento_navysenia) values ('Martin',
'Skolska jedalen pri SS','Hlavna',12, 10.00);
INSERT INTO JEDALEN (mesto, nazov, ulica, cislo_domu, percento_navysenia) values ('Martin',
'Skolska jedalen pri ZS', 'Stefanikova',13, 13.05);
INSERT INTO JEDALEN (mesto, nazov, ulica, cislo_domu, percento_navysenia) values ('Skalica',
'Skalicka skolska jedalen','Dolna',13 , 10.11);
INSERT INTO JEDALEN (mesto, nazov, ulica, cislo_domu, percento_navysenia) values ('Trnava',
'Dobra jedalen','Horna',2,17.12);
INSERT INTO JEDALEN (mesto, nazov, ulica, percento_navysenia, cislo_domu) values ('Presov',
'Jedalen pri fakultnej nemocnici', 'Stefanikova', 15.5, 143 );
INSERT INTO JEDALEN (mesto, nazov, ulica, percento_navysenia, cislo_domu) values
('Giraltovce', 'Skolska jedalen v Giraltovciach', 'Fucikova', 13.7, 1765 );
INSERT INTO JEDALEN (mesto, nazov, ulica, percento_navysenia, cislo_domu) values ('Presov',
'Jedalen pri zakladnej skole', 'Sabinovska', 10.7, 1411 );
INSERT INTO JEDALEN (mesto, nazov, ulica, percento_navysenia, cislo_domu) values
('Bidovce', 'Jedalen Bidovce', 'Bidovce', 18.7, 211 );
INSERT INTO JEDALEN (mesto, nazov, ulica, percento_navysenia, cislo_domu) values ('Kosice',
'Jedalen na ulici Jedlikovej', 'Jedlikova', 11.8, 5 );
```

--inserts jedla:

```
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Slepacia polievka s rezancami',150,0.55);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Paradajkova polievka',140,0.6);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Rybacia polievka - halaszle',150,0.6);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Francuzska polievka',150,0.55);
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INSERT INTO JEDLO (nazov,gramaz,cena) values ('Sosovicova polievka',180,0.55);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Fazulova polievka so zeleninou',180,0.6);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Zeleninova polievka',150,0.45);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Bravcovy gulas',190,0.8);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Americke zemiaky',180,0.95);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Varene zemiaky mastene',200,0.75);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Ryza',150,0.6);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Zemiakova kasa',200,0.8);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Hranolky',160,0.85);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Cestoviny',190,0.75);

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INSERT INTO JEDLO (nazov,gramaz,cena) values ('Kuraci steak',100,2);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Bravcove stehno na smotane',120,2.20);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Halusky s tvarohom',200,1.5);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Cestoviny s hobovou omackou',300,2.10);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Segedinsky gulas s knedlou',250,3.20);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Rybaci sen',300,4);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Kuraci rezen',100,1.8);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Buchty na pare',100,1);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Francuzske zemiaky',400,3.5);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Hovadzie stroganov',300,3);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Spaghety',300,2.80);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Rizoto s kuracim masom',300,3);

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INSERT INTO JEDLO (nazov,gramaz,cena) values ('Zmrzlinovy pohar',100,1);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Jablkovy zavin',100,1.2);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Puding rozne druhy',100,0.80);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Kremes',100,1.2);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Smotanovy pohar',120,0.9);
INSERT INTO JEDLO (nazov,gramaz,cena) values ('Banany v cokolade',90,0.9);

```

----- Zamestnanec

---1. jedalen

```

INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,
POHLAVIE, ID_JEDALNE, ID_POZICIE)
VALUES ('Anna', 'Novakova',TO_DATE('01.01.1980','dd.mm.yyyy'), 'Z', 1, 1);

```

```

INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,
POHLAVIE, ID_JEDALNE, ID_POZICIE)
VALUES ('Jarmila', 'Bosakova',TO_DATE('05.11.1976','dd.mm.yyyy'), 'Z', 1, 2);

```

```

INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,
POHLAVIE, ID_JEDALNE, ID_POZICIE)
VALUES ('Jozef', 'Vysoky',TO_DATE('09.09.1970','dd.mm.yyyy'), 'M', 1, 2);

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INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,
POHLAVIE, ID_JEDALNE, ID_POZICIE)
VALUES ('Alzbeta', 'Vysoka',TO_DATE('31.09.1972','dd.mm.yyyy'), 'Z', 1, 3);

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INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,
POHLAVIE, ID_JEDALNE, ID_POZICIE)

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VALUES ('Martina', 'Nizka',TO\_DATE('24.12.1993','dd.mm.yyyy'), 'Z', 1, 5);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Martin', 'Pomocny',TO\_DATE('13.01.1999','dd.mm.yyyy'), 'M', 1, 4);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Petra', 'Petrova',TO\_DATE('10.01.1997','dd.mm.yyyy'), 'Z', 1, 4);

--2. Jedalen

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Martin', 'Veduci',TO\_DATE('11.11.1981','dd.mm.yyyy'), 'M', 2, 1);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Helena', 'Stara',TO\_DATE('05.11.1971','dd.mm.yyyy'), 'Z', 2, 2);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Bohumil', 'Suchy',TO\_DATE('04.04.1974','dd.mm.yyyy'), 'M', 2, 2);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Alzbeta', 'Jarna',TO\_DATE('30.09.1979','dd.mm.yyyy'), 'Z', 2, 3);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Klara', 'Zimna',TO\_DATE('12.12.1992','dd.mm.yyyy'), 'Z', 2, 5);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Bohumil', 'Smutny',TO\_DATE('29.01.1996','dd.mm.yyyy'), 'M', 2, 4);

---- 3. jedalen

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Peter', 'Novak',TO\_DATE('01.01.1989','dd.mm.yyyy'), 'M', 3, 1);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Bohus', 'Bosak',TO\_DATE('08.10.1971','dd.mm.yyyy'), 'M', 3, 2);

INSERT INTO ZAMESTNANEC\_JEDALNE (MENO, PRIEZVISKO, DATUM\_NARODENIA, POHLAVIE, ID\_JEDALNE, ID\_POZICIE)

VALUES ('Jozef', 'Mokry',TO\_DATE('15.12.1965','dd.mm.yyyy'), 'M', 3, 2);

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Alfonz', 'Letny',TO_DATE('28.10.1979','dd.mm.yyyy'), 'M', 3, 3);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Martin', 'Nizky',TO_DATE('24.12.1993','dd.mm.yyyy'), 'M', 3, 5);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Jaromir', 'Raz',TO_DATE('22.08.1995','dd.mm.yyyy'), 'M', 3, 4);
```

--4. jedalen

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Ivana', 'Ivanova',TO_DATE('02.11.1995','dd.mm.yyyy'), 'Z', 4, 1);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Jana', 'Skareda',TO_DATE('10.11.1992','dd.mm.yyyy'), 'Z', 4, 2);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Jozef', 'Vysoky',TO_DATE('02.02.1985','dd.mm.yyyy'), 'M', 4, 2);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Zuzana', 'Rapava',TO_DATE('23.03.1979','dd.mm.yyyy'), 'Z', 4, 3);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Lucia', 'Siroka',TO_DATE('02.05.1996','dd.mm.yyyy'), 'Z', 4, 5);
```

-- 5. jedalen

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Slavomira', 'Zla',TO_DATE('06.06.1980','dd.mm.yyyy'), 'Z', 5, 1);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Jarmila', 'Stastna',TO_DATE('05.11.1976','dd.mm.yyyy'), 'Z', 5, 2);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Jozef', 'Dobry',TO_DATE('28.02.1988','dd.mm.yyyy'), 'M', 5, 2);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISKO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Alzbeta', 'Vysoka',TO_DATE('22.02.1987','dd.mm.yyyy'), 'Z', 5, 3);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Martin', 'Biely', TO_DATE('31.12.1993', 'dd.mm.yyyy'), 'M', 5, 5);
```

```
INSERT INTO ZAMESTNANEC_JEDALNE (MENO, PRIEZVISO, DATUM_NARODENIA,  
POHLAVIE, ID_JEDALNE, ID_POZICIE)  
VALUES ('Anto', 'Pomocny', TO_DATE('13.06.1998', 'dd.mm.yyyy'), 'M', 1, 4);
```

----- Obsahuje:

```
-- veg;  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 2);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 5);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 9);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 10);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 11);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 12);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 13);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 14);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 17);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 18);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 21);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (1, 25);
```

-- Extra masove:

```
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (2, 8);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (2, 15);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (2, 16);  
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (2, 19);
```

-- Sladke menu:

```
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)  
VALUES (3, 21);
```

```
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (3, 25);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (3, 26);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (3, 27);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (3, 29);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (3, 30);
```

-- Piatkove menu

```
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (4, 3);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (4, 5);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (4, 7);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (4, 17);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (4, 20);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (4, 21);
```

-- Pikantne

```
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (5, 8);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (5, 6);
```

-- Medzinarodne

```
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 4);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 9);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 11);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 18);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 19);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 22);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 23);
INSERT INTO OBSAHUJE (ID_MENU, ID_JEDLA)
VALUES (6, 24);
```

----- Ponuka:

```
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (1, 4, TO_DATE('11.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (1, 2, TO_DATE('10.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (1, 3, TO_DATE('9.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (1, 1, TO_DATE('8.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (1, 2, TO_DATE('7.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (2, 3, TO_DATE('11.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (2, 4, TO_DATE('10.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (2, 6, TO_DATE('09.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (2, 4, TO_DATE('08.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (3, 3, TO_DATE('11.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (3, 3, TO_DATE('10.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (3, 2, TO_DATE('09.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (4, 1, TO_DATE('11.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (4, 6, TO_DATE('10.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (4, 6, TO_DATE('09.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (4, 2, TO_DATE('08.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (4, 3, TO_DATE('07.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (5, 1, TO_DATE('11.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (5, 2, TO_DATE('11.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (5, 3, TO_DATE('10.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (5, 4, TO_DATE('09.04.2016','dd.mm.yyyy'));
INSERT INTO PONUKA (ID_JEDALNE, ID_MENU, DATUM)
VALUES (5, 5, TO_DATE('08.04.2016','dd.mm.yyyy'));
```

----- Predava:

```
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (1, 3, TO_DATE('11.04.2016','dd.mm.yyyy'), '11:04:56', 1);
```



```
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (1, 5, TO_DATE('11.04.2016','dd.mm.yyyy'), '11:05:34', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (1, 7, TO_DATE('11.04.2016','dd.mm.yyyy'),'11:06:32', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (1, 17, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:38:56', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (1, 3, TO_DATE('11.04.2016','dd.mm.yyyy'), '16:20:00', 3);
```

```
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (2, 25, TO_DATE('11.04.2016','dd.mm.yyyy'), '11:00:06', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (2, 26, TO_DATE('11.04.2016','dd.mm.yyyy'), '11:09:02', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (2, 27, TO_DATE('11.04.2016','dd.mm.yyyy'), '11:59:59', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (2, 29, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:36:56', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (2, 30, TO_DATE('11.04.2016','dd.mm.yyyy'), '13:04:56', 1);
```

```
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (3, 21, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:04:56', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (3, 21, TO_DATE('11.04.2016','dd.mm.yyyy'), '13:04:56', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (3, 30, TO_DATE('11.04.2016','dd.mm.yyyy'), '14:04:56', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (3, 29, TO_DATE('11.04.2016','dd.mm.yyyy'), '15:04:56', 10);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (3, 27, TO_DATE('11.04.2016','dd.mm.yyyy'), '16:04:56', 2);
```

```
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (4, 9, TO_DATE('11.04.2016','dd.mm.yyyy'), '11:21:00', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (4, 10, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:34:59', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (4, 10, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:24:55', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (4, 17, TO_DATE('11.04.2016','dd.mm.yyyy'), '13:24:46', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (4, 14, TO_DATE('11.04.2016','dd.mm.yyyy'), '13:14:59', 24);
```

```
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (5, 8, TO_DATE('11.04.2016','dd.mm.yyyy'),'11:00:56', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (5, 15, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:03:50', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (5, 16, TO_DATE('11.04.2016','dd.mm.yyyy'), '12:04:56', 2);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (5, 19, TO_DATE('11.04.2016','dd.mm.yyyy'), '13:04:56', 1);
INSERT INTO PREDAVA (ID_JEDALNE, ID_JEDLA, DATUM, CAS, POCET_KUSOV)
VALUES (5, 17, TO_DATE('11.04.2016','dd.mm.yyyy'), '13:04:56', 8);
```

----- Zisk:

```
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (1, 11, 2015, 1023.22);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (1, 12, 2015, 976.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (1, 1, 2016, 725.34);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (1, 2, 2016, 1234.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (1, 3, 2016, 1503.22);
```

```
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (2, 11, 2015, 1090.22);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (2, 12, 2015, 732.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (2, 1, 2016, 222.34);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (2, 2, 2016, 323.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (2, 3, 2016, 1222.22);
```

```
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (3, 11, 2015, 762.22);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (3, 12, 2015, 653.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (3, 1, 2016, 532.34);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (3, 2, 2016, 432.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (3, 3, 2016, 321.22);
```

```
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (4, 11, 2015, 1023.22);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (4, 12, 2015, 1092.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (4, 1, 2016, 2003.34);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (4, 2, 2016, 1678.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (4, 3, 2016, 1980.22);
```

```
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (5, 11, 2015, 1023.22);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (5, 12, 2015, 976.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (5, 1, 2016, 725.34);
```

```
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (5, 2, 2016, 1234.98);
INSERT INTO PRODUKCIA_ZISKU (ID_JEDALNE, MESIAC, ROK, ZISK)
VALUES (5, 3, 2016, 1503.22);
```

## Vytvorenie sekvencií a trigrov

```
----- Jedalen
CREATE SEQUENCE s_jedalen;
```

```
CREATE OR REPLACE TRIGGER t_jedalen
BEFORE INSERT ON jedalen
FOR EACH ROW
```

```
BEGIN
  SELECT s_jedalen.NEXTVAL
  INTO  :new.id_jedalne
  FROM  dual;
END;
```

```
----- Zamestanec
```

```
CREATE SEQUENCE s_zamestanec;
```

```
CREATE OR REPLACE TRIGGER t_zamestnanec
BEFORE INSERT ON zamestnanec_jedalne
FOR EACH ROW
```

```
BEGIN
  SELECT s_zamestanec.NEXTVAL
  INTO  :new.id_zamestnanca
  FROM  dual;
END;
```

```
----- Pozicia
CREATE SEQUENCE s_pozicia;
```

```
CREATE OR REPLACE TRIGGER t_pozicia
BEFORE INSERT ON pozicia
FOR EACH ROW
```

```
BEGIN
  SELECT s_pozicia.NEXTVAL
  INTO  :new.id_pozicie
  FROM  dual;
END;
```

----- Menu

```
CREATE SEQUENCE s_menu;
```

```
CREATE OR REPLACE TRIGGER t_menu
BEFORE INSERT ON menu
FOR EACH ROW
```

```
BEGIN
  SELECT s_menu.NEXTVAL
  INTO   :new.id_menu
  FROM   dual;
END;
```

----- Jedlo

```
CREATE SEQUENCE s_jedla;
```

```
CREATE OR REPLACE TRIGGER t_jedla
BEFORE INSERT ON jedlo
FOR EACH ROW
```

```
BEGIN
  SELECT s_jedlo.NEXTVAL
  INTO   :new.id_jedla
  FROM   dual;
END;
```

## Pohl'ady

--Cena predaja a zisk z jedla

```
create view Cena_predaja as select pre.datum
,pre.cas
,jed.nazov as "Nazov jedalne"
,j.nazov as "Nazov jedla"
,pre.POCET_KUSOV * j.CENA || ' €' as "Celkova cena nakupu"
,ROUND(pre.POCET_KUSOV * j.CENA * (jed.PERCENTO_NAVYSENIA/100),2)|| ' €' as "Zisk
z nakupu"
from   predava
pre inner join jedlo j
on pre.ID_JEDLA = j.ID_JEDLA
inner join jedalen jed
on pre.ID_JEDALNE = jed.ID_JEDALNE
order by pre.cas
;
```

-- Pocet jedalni podla miest

```
create view Pocet_jedalni as SELECT j.MESTO, COUNT(*) AS "POCET JEDALNI"
FROM JEDALEN j GROUP BY j.MESTO;
```

-- Najlacnejšia jedalen

```
create view najlacnejšia_jedalen as SELECT * FROM
(SELECT j.MESTO, j.NAZOV, j.PERCENTO_NAVYSENIA|| ' %' as "Navysenie"
FROM JEDALEN j ORDER BY j.PERCENTO_NAVYSENIA)
WHERE ROWNUM <= 1;
```

-- Pocet muzov a zien v jedalniach

```
create view pocet_Muzov_a_Zien as SELECT j.NAZOV, z.POHLAVIE,
COUNT(*) AS "POCET" FROM ZAMESTNANEC_JEDALNE z NATURAL JOIN JEDALEN j
GROUP BY z.POHLAVIE, j.NAZOV ORDER BY 1;
```

-- Priemerny plat na poziciu

```
create view priemerny_plat as SELECT p.NAZOV, p.HODINOVA_MZDA*120 AS "PRIEMERNA
MESACNA MZDA" FROM pozicia p;
```

-- Priemerny zisk jedalne za cele obdobie

```
create view priemerny_zisk as SELECT j.NAZOV,
AVG(pr.ZISK) AS "PRIEMERNY ZISK"
FROM PRODUKCIA_ZISKU pr NATURAL JOIN JEDALEN j GROUP BY j.NAZOV;
```

-- Menu a jedla ktore sa v nom nachadzaju

```
create view jedla_v_menu as SELECT
m.NAZOV as "Nazov menu",
j.Nazov as "Nazov jedla",
j.gramaz,
j.cena
FROM OBSAHUJE o inner JOIN MENU m
on o.ID_MENU = m.ID_MENU
inner join jedlo j
on j.ID_JEDLA = o.ID_JEDLA
order by m.nazov;
```

-- Oblubenost jedla

```
create view oblubenost_jedla as Select j.NAZOV as "Nazov jedla",
nvl2(sum(p.POCET_KUSOV),sum(p.POCET_KUSOV),0) as "Pocet predanych ks"
from predava p natural right join jedlo j
group by j.nazov order by SUM(p.pocet_kusov) desc nulls last;
```

-- Vypis vsetkych zamestnancov zoradenych podla veku od najmladsieho

```
CREATE VIEW zoznam_zamestnancov_podla_veku AS
SELECT z.MENO, z.PRIEZVISKO, ROUND(((CURRENT_DATE -
z.DATUM_NARODENIA)/365), 0)
AS "VEK" FROM ZAMESTNANEC_JEDALNE z ORDER BY z.DATUM_NARODENIA DESC;
```

-- Vypis jedalni a zamestnancov, ktorí su v nich zamestnani

```
CREATE VIEW vypis_jedalni_a_zamestnancov AS
SELECT j.ID_JEDALNE, j.MESTO, j.NAZOV, j.ULICA, z.MENO, z.PRIEZVISKO FROM
JEDALEN j
```

```
FULL OUTER JOIN ZAMESTNANEC_JEDALNE z ON j.ID_JEDALNE = z.ID_JEDALNE  
ORDER BY j.ID_JEDALNE;
```

--Vypis vsetkych jedalni zoradenych podľa mesta

```
CREATE VIEW zoznam_jedalni AS  
SELECT j.NAZOV, j.MESTO, j.ULICA, j.CISLO_DOMU AS "CISLO" FROM JEDALEN j  
ORDER BY j.MESTO;
```

-- Zoznam jedal nezaradenych do ziadneho menu

```
CREATE VIEW zoznam_nezaradenych_jedal AS  
(SELECT j.NAZOV FROM JEDLO j  
MINUS  
SELECT DISTINCT jvm."Nazov jedla" FROM JEDLA_V_MENU jvm);
```

