

Zde jsou uvedeny SQL příkazy pro tvorbu datové struktury v relačním systému řízení báze dat MySQL.

```
CREATE TABLE IF NOT EXISTS `mydb`.`Person` (  
  `id_osoba` INT NOT NULL AUTO_INCREMENT,  
  `first_name` VARCHAR(45) NOT NULL,  
  `last_name` VARCHAR(45) NULL,  
  `rok_nar` DATE NOT NULL,  
  `pohlavi` ENUM('M', 'F') NOT NULL,  
  `adresa` VARCHAR(45) NULL,  
  `mesto` VARCHAR(45) NULL,  
  `id_zamestnani` INT NULL,  
  PRIMARY KEY (`id_osoba`),  
  INDEX `fk_Person_Job_idx` (`id_zamestnani` ASC),  
  CONSTRAINT `fk_Person_Job`  
    FOREIGN KEY (`id_zamestnani`)  
    REFERENCES `mydb`.`Job` (`id_zamestnani`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Job` (  
  `id_zamestnani` INT NOT NULL AUTO_INCREMENT,  
  `nazev_zamestnani` VARCHAR(45) NULL,  
  `mes_prijem` INT NULL,  
  PRIMARY KEY (`id_zamestnani`))  
ENGINE = InnoDB
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`zajmy_lide` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `id_osoba` INT NOT NULL,  
  `id_zajem` INT NOT NULL,  
  PRIMARY KEY (`id`),  
  INDEX `fk_zajmy_lide_Person1_idx` (`id_osoba` ASC),  
  INDEX `fk_zajmy_lide_zajmy1_idx` (`id_zajem` ASC),  
  CONSTRAINT `fk_zajmy_lide_Person1`  
    FOREIGN KEY (`id_osoba`)  
    REFERENCES `mydb`.`Person` (`id_osoba`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_zajmy_lide_zajmy1`  
    FOREIGN KEY (`id_zajem`)  
    REFERENCES `mydb`.`zajmy` (`id_zajem`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`zajmy` (  
  `id_zajem` INT NOT NULL AUTO_INCREMENT,  
  `nazev_zajem` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`id_zajem`))  
ENGINE = InnoDB
```