CREATE TABLE `human\_friends`.`type` (

`type\_id` INT NOT NULL AUTO\_INCREMENT,

`type` VARCHAR(45) NULL,

PRIMARY KEY (`type\_id`),

UNIQUE INDEX `type\_id\_UNIQUE` (`type\_id` ASC) VISIBLE);

INSERT INTO `human\_friends`.`type` (`type`) VALUES ('Вьючные');

INSERT INTO `human\_friends`.`type` (`type`) VALUES ('Домашние');

CREATE TABLE `human\_friends`.`clan` (

`clan\_id` INT NOT NULL AUTO\_INCREMENT,

`clan` VARCHAR(45) NULL,

PRIMARY KEY (`clan\_id`));

INSERT INTO `human\_friends`.`clan` (`clan`) VALUES ('Собаки');

INSERT INTO `human\_friends`.`clan` (`clan`) VALUES ('Кошки');

INSERT INTO `human\_friends`.`clan` (`clan`) VALUES ('Хомяки');

INSERT INTO `human\_friends`.`clan` (`clan`) VALUES ('Лошади');

INSERT INTO `human\_friends`.`clan` (`clan`) VALUES ('Ослы');

INSERT INTO `human\_friends`.`clan` (`clan`) VALUES ('Верблюды');

CREATE TABLE `human\_friends`.`animals` (

`animal\_id` INT NOT NULL AUTO\_INCREMENT,

`animal\_name` VARCHAR(45) NOT NULL,

`animal\_age` VARCHAR(45) NOT NULL,

PRIMARY KEY (`animal\_id`));

ALTER TABLE `human\_friends`.`animals`

ADD COLUMN `animal\_type` INT NOT NULL AFTER `animal\_age`,

ADD COLUMN `animal\_clan` INT NOT NULL AFTER `animal\_type`;

CREATE TABLE `human\_friends`.`comand` (

`comand\_id` INT NOT NULL AUTO\_INCREMENT,

`comand\_name` VARCHAR(45) NOT NULL,

PRIMARY KEY (`comand\_id`));

INSERT INTO `human\_friends`.`comand` (`comand\_name`) VALUES ('Стоять');

INSERT INTO `human\_friends`.`comand` (`comand\_name`) VALUES ('Лежать');

INSERT INTO `human\_friends`.`comand` (`comand\_name`) VALUES ('Голос');

INSERT INTO `human\_friends`.`comand` (`comand\_name`) VALUES ('Сидеть');

ALTER TABLE `human\_friends`.`animals`

ADD INDEX `animal\_type\_idx` (`animal\_type` ASC) VISIBLE,

ADD INDEX `animal\_clan\_idx` (`animal\_clan` ASC) VISIBLE;

;

ALTER TABLE `human\_friends`.`animals`

ADD CONSTRAINT `animal\_type`

FOREIGN KEY (`animal\_type`)

REFERENCES `human\_friends`.`type` (`type\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

ADD CONSTRAINT `animal\_clan`

FOREIGN KEY (`animal\_clan`)

REFERENCES `human\_friends`.`clan` (`clan\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION;

CREATE TABLE `human\_friends`.`skils` (

`skils\_id` INT NOT NULL,

`animal\_id` INT NOT NULL,

`comand\_id` INT NOT NULL,

PRIMARY KEY (`skils\_id`));

ALTER TABLE `human\_friends`.`skils`

ADD INDEX `animal\_id\_idx` (`animal\_id` ASC) VISIBLE,

ADD INDEX `comand\_id\_idx` (`comand\_id` ASC) VISIBLE;

;

ALTER TABLE `human\_friends`.`skils`

ADD CONSTRAINT `animal\_id`

FOREIGN KEY (`animal\_id`)

REFERENCES `human\_friends`.`animals` (`animal\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

ADD CONSTRAINT `comand\_id`

FOREIGN KEY (`comand\_id`)

REFERENCES `human\_friends`.`comand` (`comand\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION;

ALTER TABLE `human\_friends`.`animals`

DROP FOREIGN KEY `animal\_clan`;

ALTER TABLE `human\_friends`.`animals`

ADD CONSTRAINT `animal\_clan`

FOREIGN KEY (`animal\_clan`)

REFERENCES `human\_friends`.`clan` (`clan\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE;

ALTER TABLE `human\_friends`.`skils`

CHANGE COLUMN `animal\_id` `animal\_id` INT NULL ,

CHANGE COLUMN `comand\_id` `comand\_id` INT NULL ,

ADD INDEX `comand\_id\_idx` (`comand\_id` ASC) VISIBLE,

ADD INDEX `animal\_id\_idx` (`animal\_id` ASC, `comand\_id` ASC) VISIBLE;

;

ALTER TABLE `human\_friends`.`skils`

ADD CONSTRAINT `animal\_id`

FOREIGN KEY (`animal\_id` , `comand\_id`)

REFERENCES `human\_friends`.`animals` (`animal\_id` , `animal\_id`)

ON DELETE CASCADE

ON UPDATE RESTRICT,

ADD CONSTRAINT `comand\_id`

FOREIGN KEY (`comand\_id`)

REFERENCES `human\_friends`.`comand` (`comand\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION;