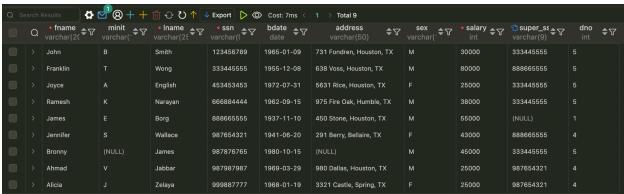
1)

```
mysql> SHOW TRIGGERS IN company
     Statement: — Left(NEW.fname, 1) get the first character of the fname Ucase(Left(NEW.fname, 1)) convert the first character to upper case Substring(NEW.fname, 2) get the rest of the fname Concat(Ucase(Left(NEW.fname, 1)), Substring(NEW.fname, 2)) concat the two strings
    BEGIN
SET NEW.fname = CONCAT(UCASE(LEFT(NEW.fname, 1)), SUBSTRING(NEW.fname, 2)),
NEW.lname = CONCAT(UCASE(LEFT(NEW.lname, 1)), SUBSTRING(NEW.lname, 2));
    Timing: BEFORE
Created: 2025-04-10 00:31:00.86
sqt_mode: IGNORE_SPACE, ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION
Definer: root@localhost
character_set_Client: utf8mb4
collation_connection: utf8mb4_unicode_ci
Database Collation: utf8mb4_9900_ai_ci
1 row in set (0.00 sec)
  INSERT INTO EMPLOYEE(fname, minit, Iname, ssn, bdate, address, sex, salary, super_ssn, dno) ←VALUES ('bronny', NULL, 'james', '987876765', '1980-10-15', NULL, 'M', 45000, '333445555', 5)
  AffectedRows: 1
                                                                                                   291 Berry, Bellaire, TX
                                                                                                                                                                  888665555
                                                                                                                                                 45000
                                                                                                                                                                 333445555
             Ahmad
                                                                 987987987
                                                                                                                                                                 987654321
2)
  CREATE TRIGGER bdate_before_current_updatee/BEFORE UPDATE ON DEPENDENT&FOR EACH ROW&BEGIN& IF NEW.bdate > CURDATE() THEN&
                                                                                                                                                            SIGNAL SQLSTATE '50002' ←
  ESSAGE_TEXT = 'Dependent bdate must be earlier than today'; e END IF; eEND; e
   Dependent bdate must be earlier than today 

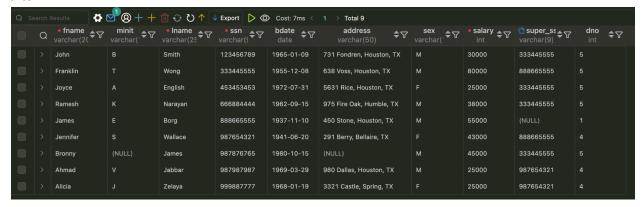
                                                                   UPDATE DEPENDENT
                                                                    SET bdate = '4031-01-01'
                                                                   WHERE essn = '333445555' AND
                                                                    dependent name = 'Alice'
```

## 3) before



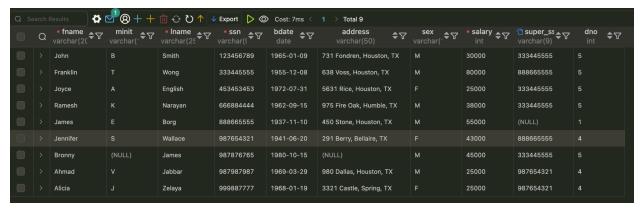
Q Se	arch F	Results	<b>1</b> 8++	- <u> </u>
	Q	* † essn varchar(( ♥ T	* pno int \$∀	phours float(5,1]◆▽
	>	123456789	1	32.5
	>	123456789	2	7.5
	>	333445555	2	10.0
	>	333445555	3	10.0
	>	333445555	10	10.0
	>	333445555	20	10.0
	>	453453453	1	20.0
	>	453453453	2	20.0
	>	666884444	3	40.0
	>	888665555	20	(NULL)
	>	987654321	20	15.0
	>	987654321	30	20.0
	>	987987987	10	35.0
	>	987987987	30	5.0
	>	999887777	10	10.0
	>	999887777	30	30.0

## after



4) before

Q Se	earch F	Results 🌎 💍	<b>18</b> + +	- ∰ ↩ ひ ↑[
	Q	* 🖰 essn varchar(९	* pno int ◆♡	phours float(5,1) ◆ ▽
	>	123456789	1	32.5
	>	123456789	2	7.5
	>	333445555	2	10.0
	>	333445555	3	10.0
	>	333445555	10	10.0
	>	333445555	20	10.0
	>	453453453	1	20.0
	>	453453453	2	20.0
	>	666884444	3	40.0
	>	888665555	20	(NULL)
	>	987654321	20	15.0
	>	987654321	30	20.0
	>	987987987	10	35.0
	>	987987987	30	5.0
	>	999887777	10	10.0
	>	999887777	30	30.0



after

Q Se	earch F	Results	<b>№</b> 1®++	- iii む ひ ↑
	Q	* 🖰 essn varchar((	* pno int ◆▽	phours float(5,1] ◆ ▽
	>	123456789	1	32.5
	>	123456789	2	7.5
	>	333445555	2	10.0
	>	333445555	3	10.0
	>	333445555	10	10.0
	>	333445555	20	10.0
	>	453453453	1	20.0
	>	453453453	2	20.0
	>	666884444	3	40.0
	>	888665555	20	(NULL)
	>	987654321	20	15.0
	>	987654321	30	20.0
	>	987987987	10	35.0
	>	987987987	30	5.0
	>	999887777	10	10.0
	>	999887777	30	30.0

Q Se		Results 💆 🕻		ุ ⊕ ひ ↑ 🔽			1 > Total 9				
	a	* fname varchar(2(♥∇	minit varchar(´◆▽	* Iname varchar(2₹ ♥ 🍸	* ssn varchar(∮♥∇	bdate date ◆▽	address varchar(50)	sex varchar(,*♦▽	<b>* salary</b> ◆亇 int	¹ super_ss varchar(9) ♥ ✓	dno int ◆▽
		John		Smith	123456789	1965-01-09	731 Fondren, Houston, TX	М	30000	333445555	
		Franklin		Wong	333445555	1955-12-08	638 Voss, Houston, TX	М	80000	888665555	
		Joyce		English	453453453	1972-07-31	5631 Rice, Houston, TX		25000	333445555	
		Ramesh		Narayan	666884444	1962-09-15	975 Fire Oak, Humble, TX	М	38000	333445555	
		James		Borg	888665555	1937-11-10	450 Stone, Houston, TX	М	55000	(NULL)	
		Jennifer		Wallace	987654321	1941-06-20	291 Berry, Bellaire, TX		43000	888665555	
		Bronny	(NULL)	James	987876765	1980-10-15	(NULL)	М	45000	333445555	
		Ahmad		Jabbar	987987987	1969-03-29	980 Dallas, Houston, TX	М	25000	987654321	
		Alicia		Zelaya	999887777	1968-01-19	3321 Castle, Spring, TX		25000	987654321	