

```

CREATE TRIGGER trigger_name (AFTER | BEFORE) (INSERT | UPDATE | DELETE)
ON table_name FOR EACH ROW
BEGIN
    --variable declarations
    --trigger code
END;

```

```

CREATE TABLE employee(
    name varchar(45) NOT NULL,
    occupation varchar(35) NOT NULL,
    working_date date,
    working_hours varchar(10)
);

```

name	occupation	working_date	working_hours
Robin	Scientist	2020-10-04	12
Warner	Engineer	2020-10-04	10
Peter	Actor	2020-10-04	13
Marco	Doctor	2020-10-04	14
Brayden	Teacher	2020-10-04	12
Antonio	Business	2020-10-04	11

```

CREATE TRIGGER emp_set
BEFORE INSERT ON employee FOR EACH ROW
BEGIN
    IF NEW.working_hours < 0 THEN SET NEW.working_hours = 0;
END IF;
END

```

```

INSERT INTO employee VALUES ('Rakesh', 'Painter', '2020-10-08', 14);
INSERT INTO employee VALUES ('Jauesh', 'Clerk', '2020-10-08', -11);

```

name	occupation	working_date	working_hours
Robin	Scientist	2020-10-04	12
Warner	Engineer	2020-10-04	10
Peter	Actor	2020-10-04	13
Marco	Doctor	2020-10-04	14
Brayden	Teacher	2020-10-04	12
Antonio	Business	2020-10-04	11
Rakesh	Painter	2020-10-08	14
Jauesh	Clerk	2020-10-08	0

```
CREATE TABLE employee_backup(
  name varchar(45) NOT NULL,
  occupation varchar(35) NOT NULL,
  working_date date,
  working_hours varchar(10)
);
```

```
CREATE TRIGGER `emp_bk` AFTER DELETE ON `employee`
FOR EACH ROW
BEGIN
insert into employee_backup values(OLD.name,OLD.occupation,OLD.working_date,OLD.working_hours);
END
```

```
delete from employee where name='Robin';
```

name	occupation	working_date	working_hours
Warner	Engineer	2020-10-04	10
Peter	Actor	2020-10-04	13
Marco	Doctor	2020-10-04	14
Brayden	Teacher	2020-10-04	12
Antonio	Business	2020-10-04	11
Rakesh	Painter	2020-10-08	14
Jauesh	Clerk	2020-10-08	0

+ Options

name	occupation	working_date	working_hours
Robin	Scientist	2020-10-04	12