**23.2. One-To-One -** **Run Database Scripts**

**Database Scripts**:

Go to “**hb-01-one-to-one-uni/create-db.sql**” and run the script.

DROP SCHEMA IF EXISTS `hb-01-one-to-one-uni`;

CREATE SCHEMA `hb-01-one-to-one-uni`;

use `hb-01-one-to-one-uni`;

SET FOREIGN\_KEY\_CHECKS = 0;

DROP TABLE IF EXISTS `instructor\_detail`;

CREATE TABLE `instructor\_detail` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`youtube\_channel` varchar(128) DEFAULT NULL,

`hobby` varchar(45) DEFAULT NULL,

PRIMARY KEY (`id`)

) ENGINE = InnoDB AUTO\_INCREMENT=1 DEFAULT CHARSET=latin1;

DROP TABLE IF EXISTS `instructor`;

CREATE TABLE `instructor` (

`id` int(11) NOT NULL AUTO\_INCREMENT,

`first\_name` varchar(45) DEFAULT NULL,

`last\_name` varchar(45) DEFAULT NULL,

`email` varchar(45) DEFAULT NULL,

`instructor\_detail\_id` int(11) DEFAULT NULL,

PRIMARY KEY (`id`),

KEY `FK\_DETAIL\_idx` (`instructor\_detail\_id`),

CONSTRAINT `FK\_DETAIL` FOREIGN KEY (`instructor\_detail\_id`)

REFERENCES `instructor\_detail` (`id`)

ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB AUTO\_INCREMENT=1 DEFAULT CHARSET=latin1;

SET FOREIGN\_KEY\_CHECKS = 1;

**Meaning**:

1. ENGINE = InnoDB => The storage engine is InnoDB
2. AUTO\_INCREMENT=1 => Auto increment column in our table starts from 1
3. DEFAULT CHARSET=latin1 => latin1 is the default character set that will be used.

**Create-Database-Diagram in MySQL Workbench**:

Database -> Reverse Engineer -> Stored Connection(hbstudent) -> Next

-> Next -> Select the schemas (hb-01-one-to-one-uni) ->

Next -> Give tick mark (Import\_MySQL\_Table\_Objects & Please\_import\_objects\_on\_a\_diagram)

-> Execute -> Next -> Finish

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