

Consider the Insurance database given below. The primary keys are underlined and the data types are specified.

PERSON (driver-id #: String, name: String, address: String)

CAR (Regno: String, model: String, year: int)

ACCIDENT (report-number: int, date: date, location: String)

OWNS (driver-id #: String, Regno: String)

PARTICIPATED (driver-id: String, Regno: String, report-number: int, damage-amount: int)

i. Create the above tables by properly specifying the primary keys and the foreign keys.

```
CREATE TABLE `insurance`.`person` (  
  `driver_id` VARCHAR(60) NOT NULL,  
  `name` VARCHAR(60) NOT NULL,  
  `adress` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`driver_id`));
```

```
CREATE TABLE `insurance`.`car` (  
  `Regno` VARCHAR(60) NOT NULL,  
  `model` VARCHAR(45) NOT NULL,  
  `year` INT NOT NULL,  
  PRIMARY KEY (`Regno`));
```

```
CREATE TABLE `insurance`.`accident` (  
  `report_number` INT NOT NULL,  
  `date` DATE NOT NULL,  
  `location` VARCHAR(70) NOT NULL,  
  PRIMARY KEY (`report_number`));
```

```
CREATE TABLE `insurance`.`owns` (  
  `driver_id` VARCHAR(60) NOT NULL,  
  `Regno` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`driver_id`, `Regno`),  
  INDEX `Regno_idx` (`Regno` ASC) VISIBLE,  
  CONSTRAINT `driver_id`  
    FOREIGN KEY (`driver_id`)  
    REFERENCES `insurance`.`person` (`driver_id`)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE,  
  CONSTRAINT `Regno`  
    FOREIGN KEY (`Regno`)  
    REFERENCES `insurance`.`car` (`Regno`)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE);
```

```
CREATE TABLE `insurance`.`participated` (  
  `driver_id` VARCHAR(60) NOT NULL,  
  `Regno` VARCHAR(45) NOT NULL,  
  `report_number` INT NOT NULL,  
  `damage-amount` INT NOT NULL,  
  PRIMARY KEY (`driver_id`, `Regno`, `report_number`),
```

```
INDEX `Regno_idx` (`Regno` ASC) VISIBLE,  
INDEX `report_number_idx` (`report_number` ASC) VISIBLE,  
CONSTRAINT `driver_id`  
  FOREIGN KEY (`driver_id`)  
    REFERENCES `insurance`.`person` (`driver_id`)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE,  
CONSTRAINT `Regno`  
  FOREIGN KEY (`Regno`)  
    REFERENCES `insurance`.`car` (`Regno`)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE,  
CONSTRAINT `report_number`  
  FOREIGN KEY (`report_number`)  
    REFERENCES `insurance`.`accident` (`report_number`)  
    ON DELETE CASCADE  
    ON UPDATE CASCADE);
```