

tblproducts:

```
CREATE TABLE `practices`.`products` (  
  `productid` INT NOT NULL AUTO_INCREMENT,  
  `productname` VARCHAR(20) NOT NULL,  
  `recommendedprice` INT NOT NULL,  
  `category` VARCHAR(10) NOT NULL,  
  PRIMARY KEY (`productid`));
```

tblcustomers:

```
CREATE TABLE `practices`.`customers` (  
  `customerid` INT NOT NULL AUTO_INCREMENT,  
  `firstname` VARCHAR(50) NOT NULL,  
  `lastname` VARCHAR(50) NOT NULL,  
  `city` VARCHAR(50) NOT NULL,  
  `state` CHAR(2) NOT NULL,  
  `zip` VARCHAR(10) NOT NULL,  
  PRIMARY KEY (`customerid`));
```

tblsales

```
CREATE TABLE `practices`.`sales` (  
  `salesid` INT NOT NULL AUTO_INCREMENT,  
  `productid` INT NOT NULL,  
  `customerid` INT NOT NULL,  
  `salesprice` INT NOT NULL,  
  `salesdate` DATE NOT NULL,  
  PRIMARY KEY (`salesid`),  
  INDEX `productid_idx` (`productid` ASC) VISIBLE,  
  INDEX `customerid_idx` (`customerid` ASC) VISIBLE,  
  CONSTRAINT `productid`  
    FOREIGN KEY (`productid`)  
    REFERENCES `practices`.`products` (`productid`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `customerid`  
    FOREIGN KEY (`customerid`)  
    REFERENCES `practices`.`customers` (`customerid`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION);
```

tbl product

```
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('1', 'dvd', '105', 'livingroom');
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('2', 'microwave', '98', 'kitchen');
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('3', 'monitor', '200', 'office');
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('4', 'speakers', '85', 'office');
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('5', 'refrigerator', '900', 'kitchen');
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('6', 'vcr', '165', 'livingroom');
INSERT INTO `practices`.`products` (`productid`, `productname`, `recommendedprice`, `category`)
VALUES ('7', 'coffeepot', '35', 'kitchen');
```

tbl customer

```
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('1', 'chintan', 'patel', 'anand', 'gj', '388001');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('2', 'paresh', 'prajapati', 'nadiad', 'gj', '387001');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('3', 'pragnesh', 'patel', 'surat', 'gj', '395008');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('4', 'nilesh', 'dharsandia', 'mumbai', 'mh', '400002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('5', 'sonal', 'patel', 'mumbai', 'mh', '400002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('6', 'harshal', 'patel', 'mogri', 'gj', '388345');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('7', 'prakash', 'rathod', 'mogri', 'gj', '388345');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('8', 'aarzoo', 'dodhiya', 'rajkot', 'gj', '360003');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('9', 'heta', 'dave', 'varanasi', 'up', '221002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('10', 'nikita', 'dave', 'varanasi', 'up', '221002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('11', 'vaibhav', 'dave', 'varanasi', 'up', '221002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('12', 'paresh', 'patel', 'pune', 'mh', '411001');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('13', 'prakash', 'patel', 'pune', 'mh', '411001');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('14', 'sandhya', 'patel', 'hyderabad', 'ap', '500031');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('15', 'divesh', 'patel', 'bangalore', 'ka', '560002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('16', 'payal', 'shah', 'bangalore', 'ka', '560002');
```

```

INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('17', 'priyanka', 'rana', 'anand', 'gj', '388001');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('18', 'sanket', 'dhebar', 'vnagar', 'gj', '388121');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('19', 'puja', 'shah', 'varanasi', 'up', '221002');
INSERT INTO `practices`.`customers` (`customerid`, `firstname`, `lastname`, `city`, `state`, `zip`)
VALUES ('20', 'priya', 'shah', 'varanasi', 'up', '221002');

```

tbl sales

```

INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('1', '1', '1', '130', '2005-06-14');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('2', '2', '2', '97', '2005-06-19');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('3', '3', '3', '200', '2005-09-20');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('4', '4', '4', '80', '2005-03-22');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('5', '5', '5', '899', '2005-01-23');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('6', '6', '6', '150', '2005-03-24');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('7', '3', '7', '209', '2005-03-10');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('8', '4', '8', '90', '2005-08-11');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('9', '6', '9', '130', '2005-08-12');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('10', '2', '14', '85', '2005-12-13');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('11', '3', '15', '240', '2005-05-14');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('12', '1', '17', '87', '2005-07-19');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('13', '2', '18', '99', '2005-09-20');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('14', '6', '19', '150', '2005-07-22');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('15', '5', '5', '900', '2005-03-06');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('16', '4', '6', '86', '2005-04-07');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('17', '2', '7', '88', '2005-11-08');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('18', '3', '8', '198', '2005-05-09');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('19', '1', '9', '150', '2005-10-10');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('20', '6', '14', '99', '2005-05-09');

```

```
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('21', '6', '15', '104', '2005-09-20');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('22', '4', '14', '90', '2005-07-22');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('23', '1', '1', '130', '2005-03-06');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('24', '2', '2', '102', '2005-04-07');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('25', '1', '3', '114', '2005-11-08');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('26', '5', '4', '1000', '2005-05-09');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('27', '5', '5', '1100', '2005-10-10');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('28', '3', '6', '285', '2005-06-11');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('29', '2', '7', '87', '2005-10-12');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('30', '3', '8', '300', '2005-07-13');
INSERT INTO `practices`.`sales` (`salesid`, `productid`, `customerid`, `salesprice`, `salesdate`) VALUES
('31', '3', '20', '205', '2005-12-31');
```