1. select \* from num\_invoices\_view;

Returns 34 Rows

Graphical user interface, text, application

Description automatically generated

1. SELECT \* FROM ap\_vansnepson.top\_ten\_unpaid\_invoices\_view;

Returns 10 Rows

Table

Description automatically generated

1. USE ap\_VanSnepson;

CALL vendor\_num\_invoices\_proc(34);

Table

Description automatically generated with low confidence

USE ap\_VanSnepson;

CALL vendor\_num\_invoices\_proc(123);

A picture containing text

Description automatically generated

USE ap\_VanSnepson;

CALL vendor\_num\_invoices\_proc(1);



1. USE ap\_VanSnepson;

SELECT total\_num\_invoices\_func (34) total\_invoices;



USE ap\_VanSnepson;

SELECT total\_num\_invoices\_func (123) total\_invoices;

Graphical user interface, text, application

Description automatically generated

USE ap\_VanSnepson;

SELECT total\_num\_invoices\_func (1) total\_invoices;

Graphical user interface, text, application

Description automatically generated

1. INSERT INTO invoices VALUES

(200,1,'989319-457','2018-04-08','3813.33','3813.33','0.00',3,'2018-05-08','2018-05-07');



1. Screenshots!!

Graphical user interface, text

Description automatically generated

1. -- create the database

DROP DATABASE IF EXISTS ap\_employees;

CREATE DATABASE ap\_employees;

-- select the database

USE ap\_employees;

CREATE TABLE `ap\_employees`.`deptsals` (

`dnumber` INT NOT NULL,

`totalsalary` INT NULL,

PRIMARY KEY (`dnumber`));

CREATE TABLE `ap\_employees`.`departments` (

`dnumber` INT NOT NULL,

`dname` VARCHAR(45) NULL,

PRIMARY KEY (`dnumber`));

CREATE TABLE `ap\_employees`.`employees` (

`id` INT NOT NULL,

`name` VARCHAR(50) NULL,

`superid` INT NULL,

`salary` INT NULL,

`bdate` DATE NULL,

`dno` INT NOT NULL,

PRIMARY KEY (`id`),

INDEX `dnumber\_idx` (`dno` ASC) VISIBLE,

CONSTRAINT `dnumber1`

FOREIGN KEY (`dno`)

REFERENCES `ap\_employees`.`deptsals` (`dnumber`)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT `dnumber2`

FOREIGN KEY (`dno`)

REFERENCES `ap\_employees`.`departments` (`dnumber`)

ON DELETE NO ACTION

ON UPDATE NO ACTION);

INSERT INTO departments VALUES

(1, 'Payroll'),

(2, 'TechSupport'),

(3, 'Research'),

(4, 'HumanResources');

INSERT INTO deptsals VALUES

(1, 0),

(2, 0),

(3, 0),

(4, 0);

INSERT INTO employees VALUES

(1, 'John', 3, 100000, '1960-01-01', 1),

(2, 'Mary', 3, 50000, '1964-12-01', 3),

(3, 'Bob', NULL, 80000, '1974-02-07', 3),

(4, 'Tom', 1, 50000, '1978-01-17', 2),

(5, 'Bill', NULL, NULL, '1985-01-20', 1),

(6, 'Nathan', 1, 300000, '1999-03-04', 4),

(7, 'Avishek', 1, 2000, '1982-09-12', 4);

Use ap\_employees;

SELECT \*

FROM departments;

Table

Description automatically generated

Use ap\_employees;

SELECT \*

FROM deptsals;

Table

Description automatically generated

Use ap\_employees;

SELECT \*

FROM employees;

Table

Description automatically generated

1. select \* from deptsals;

Table

Description automatically generated

CALL update\_salary\_proc();

select \* from deptsals;

Table

Description automatically generated

1. CALL Find\_Employee\_By\_Manager('John');

Graphical user interface, application, table

Description automatically generated

CALL Find\_Employee\_By\_Manager('Bob');

Table

Description automatically generated