

A Project Report on

Salary Management

Information Technology (402)

Session: 2022-23

Submitted By:

<STUDENT NAME>

Class: 10

Roll No: <rollno>

Digital Class | Online/Offline

Under the guidance of:

Mr. Anjeev Singh

Anjeev Singh Public School

Address, Delhi 110009

TABLE OF CONTENTS

| S. No | Topic Name | Page No. |
|--------------|-----------------------------|-----------------|
| 1 | Certificate | |
| 2 | Acknowledgement | |
| 3 | Project Description | |
| 4 | Database – Table Design | |
| 5 | Query used (SQL Query) | |
| 6 | Form used - Input Screen | |
| 7 | Report used – Output Screen | |
| 8 | References | |

CERTIFICATE

This is to certify that the project titled, “<Project Title>” is a piece of work done by <Name of the student> of class X – <sec>, in partial fulfillment of CBSE All India Secondary School Examination <session> and has been carried out under my supervision and guidance. This report or an identical report on this topic has not been submitted for any other examination and does not form a part of any other course undergone by the candidate.

.....
Signature of Teacher/Guide

Name: Mr. Anjeev Singh

Designation: PGT Computer Science

Place: Anjeev Singh Public School, Delhi

Date: ____ / ____ /2022-23

ACKNOWLEDGEMENT

I would also like to extend my gratitude to the Principal Sir/Ma'am for providing me with all the facility that was required.

I would like to express my gratitude to my guide Mr. Anjeev Singh for her able guidance and support in completing my project.

Last but not the least I would like to thank my parents and friends who helped me a lot.

.....
Signature of Student Name:

Class & Section:

Place: Anjeev Singh Public School, Delhi

Date: --/--/2022-23

PROJECT DESCRIPTION

Introduction

The payroll management system facilitates employers' payment of wages to their employees. Also, they keep financial records and demonstrate their commitment to their workers through it. This payroll management system manages employees' salaries, deductions, other conveyances, net pay, bonuses, pay slips, etc.

Reason & Purpose

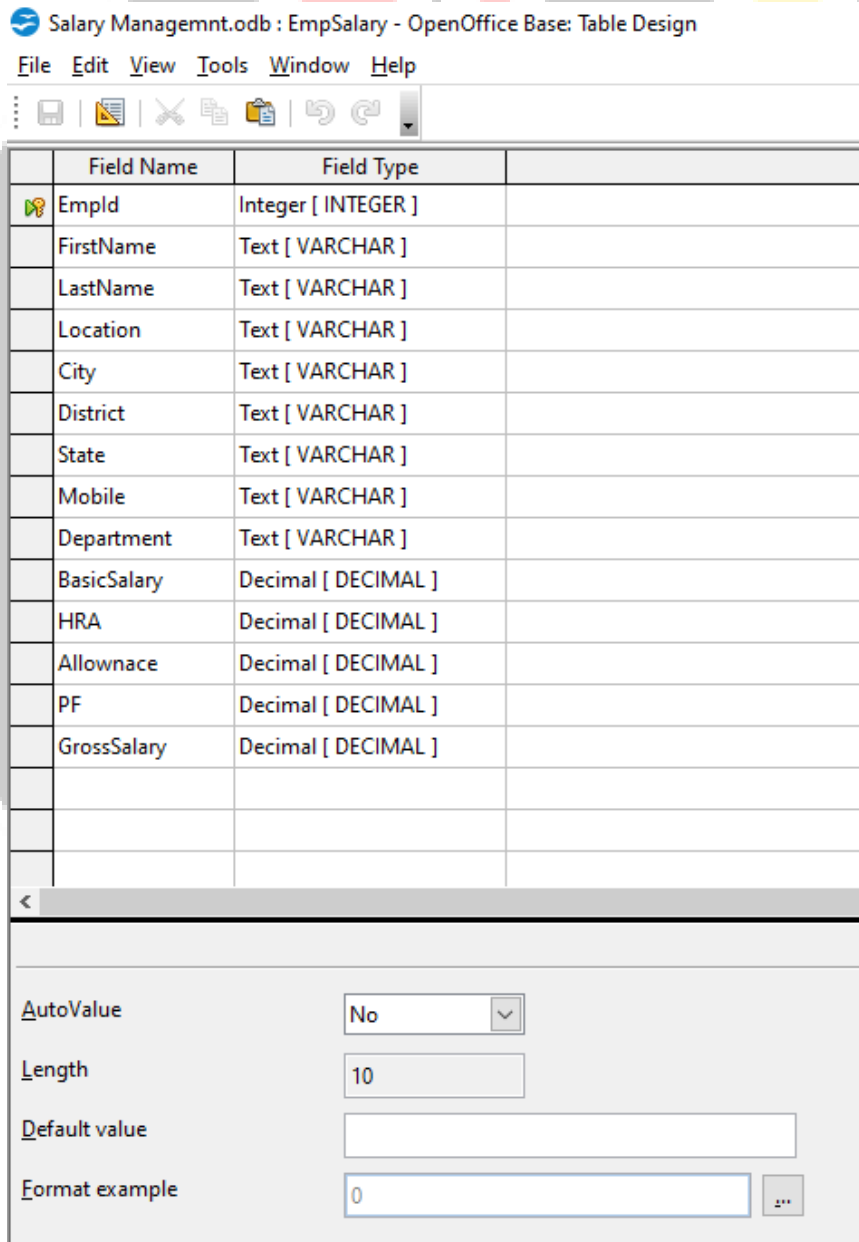
Every organization pays salary to its employee. This work is done every month and record of this activity is kept for further user. The work of salary payment is very important for organization. So this area to computerized to make process easy, quick, and secure and reliable. Thus, a secured and reliable system is required to handle it.

It can assist the staff to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

DATABASE DESIGN

Table Name: EmpSalary

Structure of Table:



| Field Name | Field Type | | |
|-------------|---------------------|--|--|
| Empld | Integer [INTEGER] | | |
| FirstName | Text [VARCHAR] | | |
| LastName | Text [VARCHAR] | | |
| Location | Text [VARCHAR] | | |
| City | Text [VARCHAR] | | |
| District | Text [VARCHAR] | | |
| State | Text [VARCHAR] | | |
| Mobile | Text [VARCHAR] | | |
| Department | Text [VARCHAR] | | |
| BasicSalary | Decimal [DECIMAL] | | |
| HRA | Decimal [DECIMAL] | | |
| Allownace | Decimal [DECIMAL] | | |
| PF | Decimal [DECIMAL] | | |
| GrossSalary | Decimal [DECIMAL] | | |
| | | | |
| | | | |
| | | | |

AutoValue: No

Length: 10

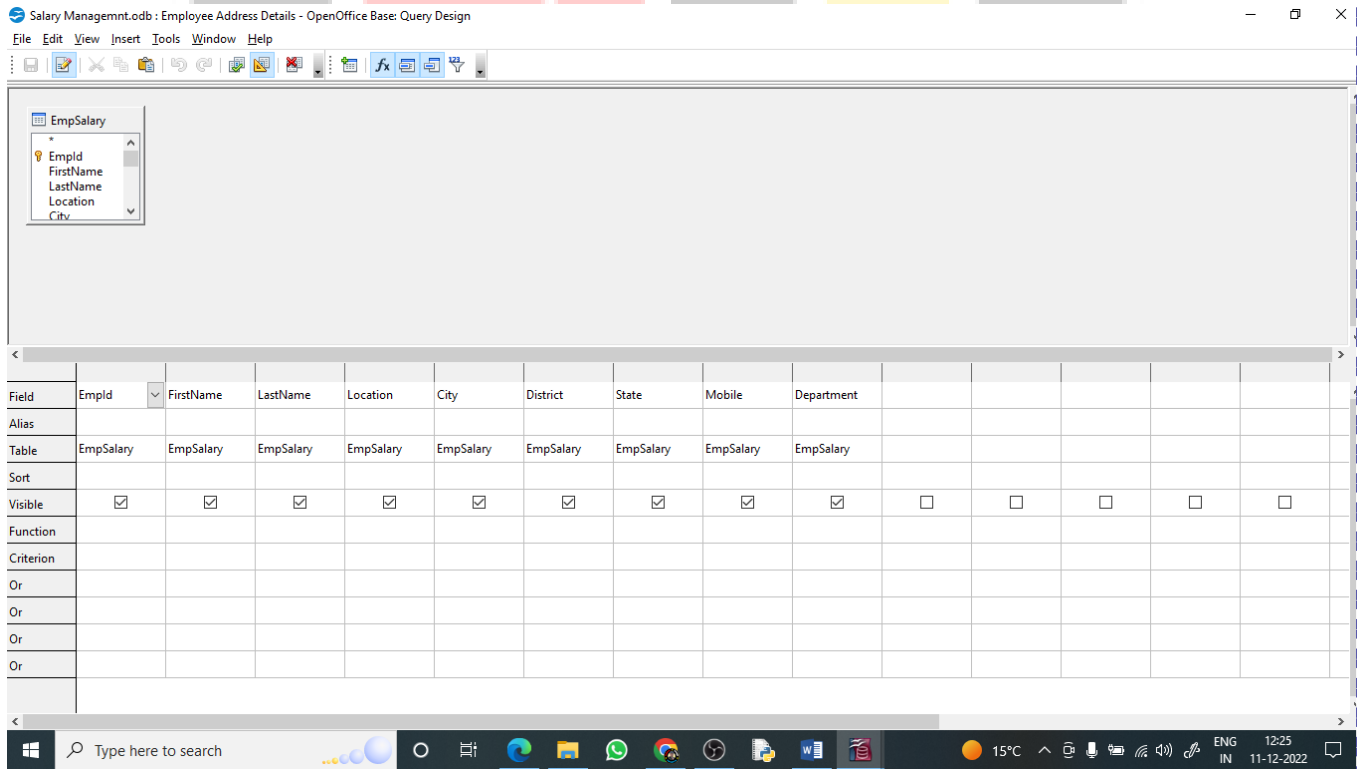
Default value:

Format example: 0

QUERY USED

Employee Address Details:

```
SELECT "EmpId", "FirstName", "LastName", "Location", "City", "District", "State", "Mobile",  
"Department" FROM "EmpSalary"
```



Digital Class | Online/Offline
Education | YouTube
Education

Employee Department Details:

```
SELECT "EmpId", "FirstName", "LastName", "Department", "Mobile" FROM "EmpSalary"  
ORDER BY "Department" ASC
```

The screenshot shows the OpenOffice Base Query Design window for a database named "Salary Managemnt.odt". The window title is "Employee Department Wise Contact Details - OpenOffice Base: Query Design". The menu bar includes File, Edit, View, Insert, Tools, Window, and Help. The toolbar contains various icons for saving, undo, redo, and other functions. A dropdown menu for the "EmpSalary" table is open, listing fields: EmpId, FirstName, LastName, Location, City, District, State, Mobile, Department, BasicSalary, and HRA. Below the dropdown is a query design grid with columns for Field, Alias, Table, Sort, Visible, Function, Criterion, and Or. The grid shows the following data:

| Field | EmpId | FirstName | LastName | Department | Mobile | | | | | | | | | |
|-----------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Alias | | | | | | | | | | | | | | |
| Table | EmpSalary | EmpSalary | EmpSalary | EmpSalary | EmpSalary | | | | | | | | | |
| Sort | | | | | | | | | | | | | | |
| Visible | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Function | | | | | | | | | | | | | | |
| Criterion | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |

The Windows taskbar at the bottom shows the search bar, system tray with temperature (25°C), and system clock (12:27, 11-12-2022).

Employee Salary Details:

```
SELECT "EmpId", "FirstName", "LastName", "Department", "BasicSalary", "HRA", "Allownace",  
"PF", "GrossSalary" FROM "EmpSalary"
```

The screenshot shows the OpenOffice Base Query Design interface. The title bar reads "Salary Managemnt.odb : Salary Details - OpenOffice Base: Query Design". The menu bar includes File, Edit, View, Insert, Tools, Window, and Help. A toolbar with various icons is visible below the menu. The main workspace displays a table structure for "EmpSalary". A dropdown menu is open, listing the fields: EmpId, FirstName, LastName, Location, City, District, State, Mobile, Department, BasicSalary, HRA, and Allownace. Below the dropdown, a table grid shows the field names and their corresponding data types or settings. The "Visible" row has checkboxes for each field, all of which are checked. The "Function" row is empty. The "Criterion" row is empty. Below the table grid, there are four "Or" rows, all of which are empty. At the bottom of the screenshot, the Windows taskbar is visible, showing the search bar, taskbar icons, system tray, and the date/time (12:27, 11-12-2022).

| Field | EmpId | FirstName | LastName | Department | BasicSalary | HRA | Allownace | PF | GrossSalary | | | | | |
|-----------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Alias | | | | | | | | | | | | | | |
| Table | EmpSalary | EmpSalary | EmpSalary | EmpSalary | EmpSalary | EmpSalary | EmpSalary | EmpSalary | EmpSalary | | | | | |
| Sort | | | | | | | | | | | | | | |
| Visible | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Function | | | | | | | | | | | | | | |
| Criterion | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |
| Or | | | | | | | | | | | | | | |

Digital Class | Online/Offline
Education | YouTube
Education

INPUT FORM

Salary Managemnt.odt : Employee Data View and Update - OpenOffice Base: Database Form

File Edit View Insert Format Table Tools Window Help

Id & Name

| | | |
|-------|-----------|----------|
| Empld | FirstName | LastName |
| 101 | Anjeev | Singh |

Address Details :

| | |
|------------|------------|
| Location | City |
| Sector 13 | Hisar |
| District | State |
| Hisar | Haryan |
| Mobile | Department |
| 9595959595 | Comp. Sc. |

Salary Details:

| | | | |
|-------------|-------|-----------|------|
| BasicSalary | HRA | Allownace | PF |
| 25000 | 12000 | 25000 | 5000 |

Record 1 of 1

Page 1 / 1 Default STD 120%

Type here to search 25°C 12:28 11-12-2022



Digital Class | Online/Offline
Education | YouTube
Education

REPORT (OUTPUT)

Salary Managemnt.odt : Employee Address Details - OpenOffice Base: Report Design

File Edit View Insert Format Table Tools Window Help

A S Academy

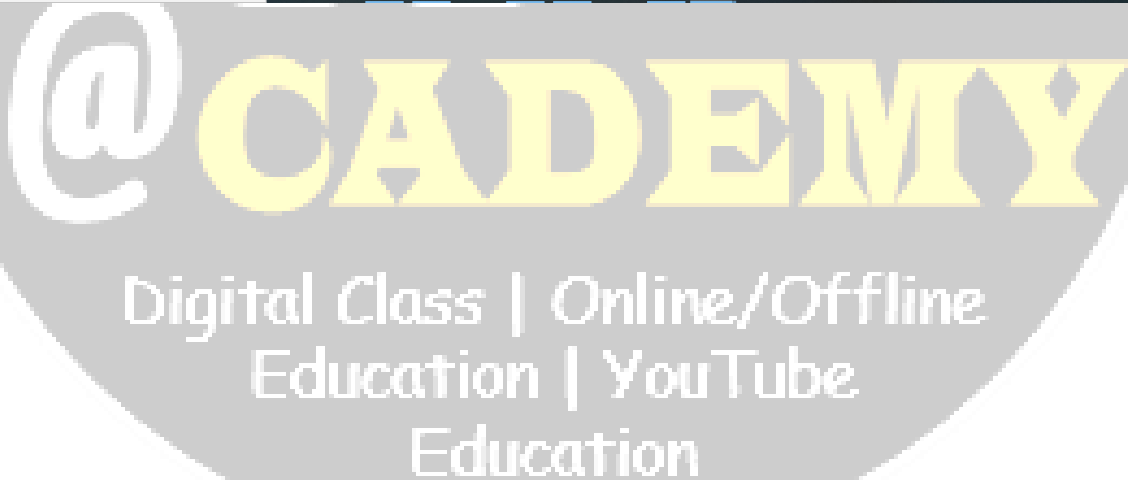
Staff Contact Details Report Date: December 11, 2022

| <i>Emp Id</i> | <i>First Name</i> | <i>Last Name</i> | <i>Department</i> | <i>Mobile</i> | <i>Location</i> | <i>City</i> | <i>District</i> | <i>State</i> |
|---------------|--------------------------|--------------------------|--------------------------|---------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 9876 | Ut wisi enim ad minim | Ut wisi enim ad minim | Ut wisi enim ad minim | Ut | Ut wisi enim ad minim | Ut wisi enim ad minim | Ut wisi enim ad minim | Ut wisi enim ad minim |

Page 1 / 1 First Page STD 120 %


Embedded database | HSQL database engine

Windows taskbar: Type here to search, 25°C, ENG IN, 12:29, 11-12-2022



Salary Managemnt.odt : Employee Complete Details - OpenOffice Base: Report Design

File Edit View Insert Format Table Tools Window Help



A S Academy

Staff Salary Details

Date of Report : December 11, 2022

| Emp Id | First Name | Last Name | Location | City | District | State | Mobile | Department | Basic Salary | HRA | Allownace | PF | Gross Salary |
|--------|------------|-----------|-----------|-------|----------|---------|------------|------------|--------------|-------|-----------|------|--------------|
| 101 | Anjeev | Singh | Sector 13 | Hisar | Hisar | Haryana | 9595959595 | Comp. Sc. | 25000 | 12000 | 25000 | 5000 | 57000 |

Page 1 / 1 | First Page | STD | 120 %


Embedded database | HSQL database engine

Type here to search | 25°C | ENG IN | 12:30 | 11-12-2022



Salary Managemnt.odt : Employee Department Wise Contact Details - OpenOffice Base: Report Design

File Edit View Insert Fgmat Table Tools Window Help

A S Academy 

Staff – Mobile Number List Departmentwise, **Date: 12/11/22**

| <i>Emp Id</i> | <i>First Name</i> | <i>Last Name</i> | <i>Department</i> | <i>Mobile</i> |
|---------------|--|--|--|---------------|
| 9876 | Ut wisi enim ad minim veniam, quis nostrud exerci | Ut wisi enim ad minim veniam, quis nostrud exerci | Ut wisi enim ad minim veniam, quis nostrud exerci | Ut wisi enim |

Page 1 / 1 | First Page | STD | 120 %

Embedded database | HSQL database engine

Type here to search | 25°C | 12:31 | 11-12-2022



REFERENCES

1. Information Technology Study Material - CBSE / NCERT
2. Information Technology – Sumita Arora
3. Information Technology Tutorial : Anjeev Singh Academy
4. YouTube: www.youtube.com/anjeevsingh
5. Websites:
 - a <https://www.mycstutorial.in>
 - b www.anjeevsinghacademy.com



Digital Class | Online/Offline
Education | YouTube
Education