**Experiment 1.1**

**Student Name: Jitesh Kumar.**  **UID: 20BCS2334**

**Branch: CSE Section/Group: 20BCS\_WM-903\_A**

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**Subject Name: PBLJ LAB Subject Code: 20CSP-321**

**1. Aim/Overview of the practical: Employee Management System**

**2. Software/Hardware Requirements:**

* **Laptop with Java installed**
* **Eclipse IDE**

**3. Steps for experiment/practical/Code:**

**import** java.util.\*;

**public** **class** Main

{

**public** **static** **void** main(String[] args) {

**int** DA = 0;

**int** flag =0;

String Designation = " ";

**int** ind = 0;

**int** Emp\_no[] = {1001,1002,1003,1004,1005,1006,1007};

String Emp\_name[] = {"Ashish","Sushma","Rahul","Chahat","Ranjan","Suman","Tanmay"};

String[] Join\_Date ={"01/04/2009","23/08/2012","12/11/2008","29/01/2013","16/07/2005","1/1/2000","12/06/2006"};

**char**[] Desig\_code = {'e','c','k','r','m','e','c'};

String[] Dept ={"R&D", "PM","Acct","Front Desk","Engg", "Manufacturing", "PM"};

**int** Basic[]={ 20000, 30000, 10000, 12000, 50000, 23000, 29000};

**int** HRA[] = {8000, 12000, 8000, 6000, 20000, 9000, 12000};

**int** IT[] = {3000, 9000, 1000, 2000, 20000, 4400, 10000};

System.***out***.println("Enter Emp no");

Scanner sc= **new** Scanner(System.***in***);

**int** id = sc.nextInt();

**for**(**int** i = 0 ; i<Emp\_no.length;i++)

{

**if**(Emp\_no[i] == id)

{

ind = i;

flag = 1;

}

}

**switch**(Desig\_code[ind])

{

**case** 'e':

DA = 20000;

Designation = "Engineer";

**break**;

**case** 'c':

DA = 32000;

Designation = "Consultant";

**break**;

**case** 'k':

DA = 12000;

Designation = "Clerk";

**break**;

**case** 'r':

DA = 15000;

Designation = "Receptionist";

**break**;

**case** 'm':

DA = 40000;

Designation = "Manager";

**break**;

}

**int** Salary = Basic[ind] + HRA[ind] + (DA) - IT[ind];

**if**(flag ==0)

{

System.***out***.println("Employee not found");

}

**else** {

System.***out***.println("Employee number: " + Emp\_no[ind]);

System.***out***.println("Employee name: "+ Emp\_name[ind]);

System.***out***.println("Department: "+Dept[ind]);

System.***out***.println("Designation: "+Designation);

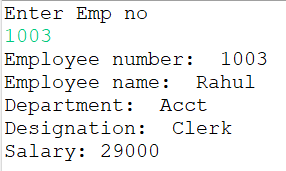
System.***out***.println("Salary: "+ Salary);

}

}

}

**4. Result/Output/Writing Summary:**

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**Learning outcomes (What I have learnt):**

**1. Learnt about basic concepts of Java like switch-case.**

**2. Learnt about array data structure.**