

## Practical 1

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**Subject Name: PBLJ Lab**

**Subject Code: 20CSP-321**

- **Aim:** Develop a small java application, which accepts employee id from the command prompt and displays the output .
- **Task :**

Given the following table containing information about employees of an organization, develop a small java application, which accepts employee id from the command prompt and displays the following details as output: **Emp No Emp**

**Name Department Designation and Salary**

You may assume that the array is initialized with the following details:

Emp No.	Emp Name	Join Date	Desig Code	Dept	Basic	HRA	IT
1001	Ashish	01/04/2009	e	R&D	20000	8000	3000
1002	Sushma	23/08/2012	c	PM	30000	12000	9000
1003	Rahul	12/11/2008	k	Acct	10000	8000	1000
1004	Chahat	29/01/2013	r	Front Desk	12000	6000	2000
1005	Ranjan	16/07/2005	m	Engg	50000	20000	20000
1006	Suman	1/1/2000	e	Manu facturing	23000	9000	4400
1007	Tanmay	12/06/2006	c	PM	29000	12000	10000

## CODE-:

```
import java.util.Scanner; public

class firstexample {

public static void main(String[] args)
{ int[] empId =

{1001,1002,1003,1004,1005,1006,1007};

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

String[] joinDate= {"01-04-2009", "23-08-2012", "03-03-2021", "04-04-2021", "05-05-2021", "06-07-
2021", "25-12-2021"};

String[] depName= {"Managment", "Accounting", "R&D", "Marketing", "IT department", "Sales", "Front
Desk"};

int[] basic = {41000, 51000, 61000, 71000, 98000, 20000, 4000}; int[] hra =
{1000, 2000, 3000, 4000, 5000, 2900, 8000}; int[] it = {5500, 4400, 3300,
2200, 1100, 5500, 1100}; char[] desCode =
{'m', 'k', 'e', 'c', 's', 'a', 'r'}; int[] da=new int[7];

String[] des=new String[7]; for(int i=0; i<7; i++)
{ if(desCode[i]=='m')
else if(desCode[i]=='s')
{ des[i]="Manager "; da[i]=10000; } { des[i]="Service Engineer"; da[i]=6000; }

else if(desCode[i]=='k')
{ des[i]="Analyst"; da[i]=5000; } else if(desCode[i]=='a')
{ des[i]="Clerk"; da[i]=2000; } else { des[i]="Engineer "; da[i]=8000; else if(desCode[i]=='r')
if(desCode[i]=='e')
{ des[i]="Engineer "; da[i]=8000; else if(desCode[i]=='c')
{ des[i]="Commerical Mangaer"; da[i]=9000; }
```

```
{ des[i]="Receptionist      "; da[i]=4000;      } }
```

```
int[] sal=new int[7]; for(int i=0; i<7; i++) {  
sal[i]=basic[i]+hra[i]+da[i]-it[i];      }
```

```
System.out.print("Enter the Emp ID whose Salary is to be Calulated: ");
```

```
Scanner s = new Scanner(System.in); int  
x = s.nextInt();
```

```
System.out.println("\nEmp ID\t\tEmp Name\tDepartment\t\tDesignation\t\tSalary");
```

```
for(int i=0; i<7; i++)  
{ if(x == empId[i])
```

```
{
```

```
System.out.println(empId[i]+\t\t"+empName[i]+\t\t"+depName[i]+\t\t"+des[i]+\t\t "+sal[i]); } }
```

```
}}
```

## OUTPUT-:

```

eclipse-workspace - Sem_5/src/firstexample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer firstexample.java
1 import java.util.Scanner;
2
3 public class firstexample {
4     public static void main(String[] args)
5     {
6
7
8     int[] empId = {1001,1002,1003,1004,1005,1006,1007};
9     String[] empName= {"Ashish","Sushma","Rahul","Chahat","Ranjan","Suman","Tanmay"}
10
11
12
13 String[] joinDate= {"01-04-2009","23-08-2012","03-03-2021","04-04-2021","05-05-
14 String[] depName= {"Managment","Accounting","R&D","Marketing","IT departmen
15 int[] basic = {41000, 51000,61000,71000,98000,20000,4000}; int[] hra = {1000,2000,3000,4000,5000,2900,8000};
16 int[] it = {5500, 4400,3300, 2200,1100,5500,1100};
17 char[] desCode = {'m','k','e','c','s','a','r'}; int[] da=new int[7];
18 String[] des=new String[7]; for(int i=0; i<7; i++)
19 {
20     if(desCode[i]=='m')
21     { des[i]="Manager "; da[i]=10000; }
22     else if(desCode[i]=='k')
23     { des[i]="Clerk "; da[i]=2000; }
24     else if(desCode[i]=='e')
25     { des[i]="Engineer "; da[i]=8000; }
26     else if(desCode[i]=='c')
27     { des[i]="Commerical Mangaer"; da[i]=9000; }
28     else if(desCode[i]=='s')
29     { des[i]="Service Engineer"; da[i]=6000; }
30     else if(desCode[i]=='a')
31     { des[i]="Analyst "; da[i]=5000; }
32     else if(desCode[i]=='r')
33     { des[i]="Receptionist "; da[i]=4000; }
34     }
35 int[] sal=new int[7]; for(int i=0; i<7; i++)
36 { sal[i]=basic[i]+hra[i]+da[i]-it[i]; }
37 System.out.print("Enter the Emp ID whose Salary is to be Calculated: ");
38 Scanner s = new Scanner(System.in);
39 int x = s.nextInt();
40
41 System.out.println("\nEmp ID\tEmp Name\tDepartment\tDesignation\tSalary");
42
43 for(int i=0; i<7; i++)
44

```

Problems Javadoc Declaration Console x

<terminated> firstexample [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (22-Aug-2022, 7:59:41 pm - 7:59:46 pm)

Enter the Emp ID whose Salary is to be Calculated: 1002

Emp ID	Emp Name	Department	Designation	Salary
1002	Sushma	Accounting	Clerk	50600