EXPERIMENT-1.1

Student Name: SANSKAR AGRAWAL

Branch: CSE

Semester: 5th

Subject Name: PBLJ Lab

UID: 20BCS5914

Section/Group: 806/B

Date of Performance: 24/08/2022

Subject Code: 20CSP-321

1. **Aim/Overview of the practical:**

To develop a 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.

2. **Task to be done/ Which logistics used:**

Eclipse IDE (Java)

3. **Code:**

```java
package pblj_lab;

import java.util.Scanner;
public class employee
{
    public static void main(String[] args) {
        int DA=-1;
        Scanner obj=new Scanner(System.in);
        int[] Empno={1001,1002,1003,1004,1005,1006,1007};
        String[] Empname={"Ashish","Sushma", "Rahul","Chahat","Ranjan","Suman","Tanmay"};
        String []Joindate={"01/04/2009","23/08/2012","12/11/2008","12/06/2006"};
        char[] DesigCode={'e','c','k','r','m','e','c'};
        String[] Dept={"R&D","PM","Acc","FrontDesk","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("SANSKAR AGRAWAL   UID-20BCS5914 ");
        System.out.println("Enter the employee id ");
        int index=-1;
        int n=obj.nextInt();
```

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```java
        for(int i=0;i<7;i++)
        {
            if(Empno[i]==n)
            {
                index=i;
            }
        }
        if(index==-1)
        {
            System.out.println("Employee not found");
            return ;
        }
        switch(DesigCode[index]) {
            case 'e':
                DA=20000;

                break;
            case  'c':
                DA=32000;
                break;
            case  'k':
                DA=12000;

                break;
            case  'r':
                DA=15000;

                break;
            case  'm':
                DA=40000;

                break;
            default:
                System.out.println("Employee not found");
        }
        System.out.println("Emp No. Emp Name  Department Design    Salary ");
        System.out.println(Empno[index]+"\t"+Empname[index]+"\t\t"+Dept[index]+"\t\t
"+DesigCode[index]+"\t    "+(Basic[index]+HRA[index]+DA-IT[index]));
        }
    }
```

5. Output:-

```
Problems  @ Javadoc  Declaration  Console ⌗
<terminated> employee [Java Application] C:\Program Files\Java\jre1.8.0_301\bin\javaw.exe  (25 Aug, 2022 3:04:22 AM – 3:04:30 AM)
SANSKAR AGRAWAL    UID-20BCS5914
Enter the employee id
1002
Emp No. Emp Name  Department Design     Salary
1002    Sushma           PM                  c         65000
```

Learning Outcomes(What I have learnt):-

1. To create a program using array in Java.
2. To generate analytical and conceptual ability related to fundaments of Java.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			