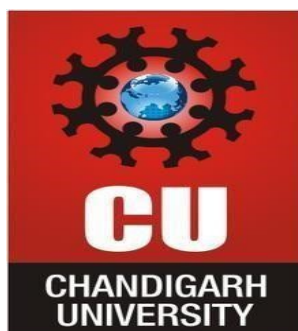


**CHANDIGARH UNIVERSITY  
UNIVERSITY INSTITUTE OF ENGINEERING  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



<b>Submitted by:Rajiv Paul</b>	<b>Submitted To: Kirat Kaur(E12999)</b>
<b>Subject Name:</b>	Project Based Learning in Java Lab
<b>Subject Code:</b>	20CSP-321
<b>Branch:</b>	BE-CSE
<b>Semester:</b>	5 <sup>th</sup>



## LAB INDEX

**Student Name:** Rajiv Paul

**Branch:** CSE

**Semester:** 5th Semester

**Name:** PBLJ LAB

**UID:** 20BCS1812

**Section/Group:** 702-A

**Date of Performance:** 16/08/2022

**Subject Code:** 20CSP-321

Sr. No	Program	Date	Evaluation				Sign
			LW (12 )	VV (8)	FW (10 )	Tot al (30)	
1.							
2.							
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10.							

## Experiment - 1

### *Aim:*

To create an application to save the employees information using arrays.

### *Code*

```
package com.PBLJ;
import java.util.*;

class Project_1
{
    public static void main(String[] args)
    {
        int[] empno = {1001,1002,1003,1004,1005,1006,1007};
        String[] empname = {"Ashish","Sushma","Rahul","Chahat","Ranjan","Suman","Tanmay"};
        String[] designation_code = {"e","c","k","r","m","e","c"};
        String[] department = {"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};

        String []designation_code_={"e","c","k","r","m"};
        String []designation={"Engineer","Consultant","Clerk","Receptionist","Manager"};

        Scanner sc=new Scanner(System.in);
        System.out.print("Enter employee number : ");
        int emp_number=sc.nextInt();

        String[] designation_of_employee=new String[7];
        int[] da=new int[7];
```

```
int[] salary=new int[7];
```

```
for(int a=0;a<7;a++)  
{  
    switch (designation_code[a]) {  
        case "e" -> {  
            designation_of_employee[a] = "Engineer";  
            da[a] = 20000;  
        }  
        case "c" -> {  
            designation_of_employee[a] = "Consultant";  
            da[a] = 32000;  
        }  
        case "k" -> {  
            designation_of_employee[a] = "Clerk";  
            da[a] = 12000;  
        }  
        case "r" -> {  
            designation_of_employee[a] = "Receptionist";  
            da[a] = 15000;  
        }  
        case "m" -> {  
            designation_of_employee[a] = "Manager";  
            da[a] = 40000;  
        }  
    }  
}
```

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

```
for(int i=0;i<=7;i++)  
{  
    if(i==7)  
    {  
        System.out.println("There is no employee with empid: "+emp_number);  
        break;  
    }  
}
```

```
}  
else if(empno[i]==emp_number)  
{  
    System.out.println("Emp no."+" "+"Emp Name"+" "+"Department"+" "+"Designation"+"  
"+"Salary");  
    System.out.print(empno[i]+" \t "+empname[i]+" \t "+department[i]+"  
"\t\t"+designation_of_employee[i]+" \t\t"+salary[i]);  
    break;  
}  
}  
}
```

### Output

1.

Enter employee number : 1003

Emp no.	Emp Name	Department	Designation	Salary
1003	Rahul	Acct	Clerk	29000

2.

Enter employee number : 123

There is no employee with empid: 123