

Worksheet-1

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Section/Group:- WM_617 "A"

Subject Code:- 20CSP-321

Semester:- 5th

Subject Name:- PBLJ Lab

1. Aim/ Overview of the practical:-

Create an application to save the employee information using arrays.

2. S/W Requirements:-

- Eclipse_IDE - (Java)
- Netbean

3. Code:-

```
package Exp;

public class Arremp {

    public static void main(String[] args) {

        int empno[]={1001,1002,1003,1004,1005,1006,1007};
        String
        name[]={"Ashish","Sushma","Rahul","Chahat","Ranjan","Suman"
        ,"Tan may"};

        String JoinDate[]={"01/04/2009","23/08/2012","12/11/2008",
```

```
"2 9/01/2013","16/07/2005","1/1/2000","12/06/2006"};
```

```
chard_code [] = {'e','c','k','r','m','e','c'};
```

```
String
```

```
dept[]={ "R&D", "PM", "Acct", "front", "Desk", "Engg", "Manufactur  
ing",  
"PM"};
```

```
intbasic [] = {20000,30000,10000,12000,50000,23000,29000};
```

```
intthra [] = {8000,12000,8000,6000,20000,9000,12000};
```

```
intit [] = {3000,9000,1000,2000,20000,4400,10000};
```

```
String designation = null;
```

```
intda=0;
```

```
intsalary = 0;
```

```
intindex = -1;
```

```
intemp= Integer.parseInt(args[0]);
```

```
for(inti=0;i<empno.length;i++)
```

```
{
```

```
    if (empno[i]==emp)
```

```
    {
```

```
        index=i;
```

```
    }
```

```
}
```

```
if(index== -1)
```

```
{
```

```
    System.out.println("There is no such employee." +emp);
```

```
}
```

```
else
```

```
{
```

Charcode;

Code=d_code[index];

switch(code)

{ **case** 'e':

designation="Engineer";

da=20000; **break**;

case 'c':

designation="Consultant";

da=32000;

break; **case** 'k':

designation="Clerk";

da=12000; **break**;

case 'r':

designation="Receptionist";

da=15000;

break; **case** 'm':

designation="Manager";

da=40000; **break**;

default:

designation="Invalid";

da=0;

}

salary=basic[index]+ hra[index]+da-it[index];

System.**out**.println("Emp No" + " "+"Emp Name" +"

+"Department"+" "+"Designation"+" "+"Salary");

System.**out**.println(empno[index]+" "+"name[index]+"

+"dept[index] +" "+"designation +" "+"salary);

}

}

}

4. Result/Output/Writing Summary:-

```
1002
Emp No    Emp Name  Department  Designation  Salary
1002      Sushma    PM          Consultant   65000

Process finished with exit code 0
```

5. Learning Outcomes (What I have learnt):-

- Learn about getter and setter method.
- Learn the use of switch case.
- Learn the implementation of Arrays in Java.
- Learn how to implemented OOP in Java.
- Learn how to use exceptional handling in 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.			