

OBJECT ORIENTED PROGRAMMING LAB**Experiment No.: 8****Aim:**

Program to create a class for Employee having attributes eNo, eName, eSalary. Read n employ information and Search for an employee given eNo, using the concept of Array of Objects.

Procedure:

```
import java.util.Scanner;
import java.lang.*;
public class Arrayofobjects
{ public static void main(String [] args)
    { int a,b,c,en,es;
      String ena;
      Scanner sc = new Scanner(System.in);
      Product [] Em = new Product[100];
      while(true)
      { System.out.print("Menu:\n1.Enter the details.\n2.Display the
        details.\n3.Exit.\nEnter the choice : ");
        b = sc.nextInt();
        switch(b)
        { case 1:{ System.out.print(" Enter the number of employee's:");
                  a = sc.nextInt();
                  for(int i=0;i<a;i++)
                  { System.out.print("\n Employee "+(i+1)+" : \n");
                    System.out.print(" Enter the employee number:");
                    en = sc.nextInt();
```

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```
        System.out.print(" Enter the employee name:");
        ena = sc.next();
        System.out.print(" Enter the employee salary:");
        es = sc.nextInt();
        Em[i] = new Product(en,ena,es);
    }
    break;
}

case 2:{ System.out.print("Enter the Employee number to be displayed : ");
        c = sc.nextInt();
        Em[c-1].display();
        break;
    }

case 3: System.exit(0);
    }
}

}

class Product
{
    int a,eno,esalary;
    String ename;

    Scanner sc = new Scanner(System.in);

    Product(int en,String ena,int es)
    {
        eno = en;
        ename = ena;
        esalary = es;
    }

    public void display()
    {
        System.out.println("\n Details of Employee ");
    }
}
```

```
        System.out.println(" The employee no : "+eno);  
        System.out.println(" The employee name : "+ename);  
        System.out.println(" The employee salary : "+esalary);  
    }  
}
```

Output Screenshot:

```
D:\java>javac Arrayofobjects.java  
  
D:\java>java Arrayofobjects  
Menu:  
1.Enter the details.  
2.Display the details.  
3.Exit.  
Enter the choice : 1  
Enter the number of employee's:3  
  
Employee 1 :  
Enter the employee number:1  
Enter the employee name:justin  
Enter the employee salary:1  
  
Employee 2 :  
Enter the employee number:2  
Enter the employee name:joel  
Enter the employee salary:2  
  
Employee 3 :  
Enter the employee number:3  
Enter the employee name:sajo  
Enter the employee salary:3
```

```
Menu:  
1.Enter the details.  
2.Display the details.  
3.Exit.  
Enter the choice : 2  
Enter the Employee number to be displayed : 2  
  
Details of Employee  
The employee no : 2  
The employee name : joel  
The employee salary : 2  
Menu:  
1.Enter the details.  
2.Display the details.  
3.Exit.  
Enter the choice : 3  
D:\java>_
```