1)

```
package emptest;

import java.util.Scanner;

public class Employee {

	public static void main(String[] args) {
		// TODO Auto-generated method stub
		System.out.println("Welcome to employee administration");
		char ch;
		do
		{
		System.out.println("1: Add employee");
		System.out.println("2:display all employees ");
		System.out.println("3:display all employees based on id ");
		System.out.println("4:display all employees based on name ");
		System.out.println("Enter the option to perform a task");
		Scanner sn=new Scanner(System.in);
		int option=sn.nextInt();
		switch(option)
		{
		case 1 :ETest emp=new ETest();
				System.out.println("Enter the employee
id,name,salary");
				int empid=sn.nextInt();
				String ename=sn.next();
				int salary=sn.nextInt();
				emp.setEmpid(empid);
				emp.setEname(ename);
				emp.setSalary(salary);
				Memploee.AddEmployee(emp);
				break;
		case 2:Memploee.display();
		break;
		case 3:System.out.println("Enter the employee id");
				int empid1=sn.nextInt();
				int pos=Memploee.findEmp_onid(empid1);
				if(pos>=0)
				{
					System.out.println("found");
				}
				else
				{
					System.out.println("not found");
				}
		break;
		case 4:System.out.println("Enter the employee name");
				String empname1=sn.next();
				ETest emp1=Memploee.findEmp_onname(empname1);
				if(emp1!=null)
				{
					System.out.println("found"+emp1);
				}
				else
				{
					System.out.println("not found");
				}
```

```
                        break;
            default:System.out.println("enter the valid options");
               }
               System.out.println("Do you want to continue then press y/n ?");
               ch=sn.next().charAt(0);
               }while(ch=='y'||ch=='Y');
         }

 }
```

****

```java
package emptest;

public class ETest {
private int empid;
private String ename;
private int salary;
public int getEmpid() {
	return empid;
}
public void setEmpid(int empid) {
	this.empid = empid;
}
public String getEname() {
	return ename;
}
public void setEname(String ename) {
	this.ename = ename;
}
public int getSalary() {
	return salary;
}
public void setSalary(int salary) {
	this.salary = salary;
}
@Override
public String toString() {
	return "ETest [empid=" + empid + ", ename=" + ename + ", salary=" + salary
+ "]";
}

}
```

****

```java
package emptest;

public class Memploee {
		static ETest[] array=new ETest[50];
		static int count=0;
		public static void AddEmployee(ETest employee) {
			// TODO Auto-generated method stub
			array[count]=employee;
			count++;
		}
		public static void display()
		{
		for(int i=0;i<count;i++)
		{
			System.out.println(array[i]);
		}
	}
		public static int findEmp_onid(int empid1) {
			// TODO Auto-generated method stub
			for(int i=0;i<count;i++)
			{
				if(array[i].getEmpid()==empid1)
				{
				 return i;
				}

			}
		return -1;
		}
		public static ETest findEmp_onname(String empname1) {
			for(int i=0;i<count;i++)
			{
				if(array[i].getEname().equals(empname1))
				{
				 return array[i];
				}

			}
			return null;
		}

}
```