

Assignment-4

/*Create an employee class with properties of your choice. Create an object of this class and also create a clone of the same.

After making the clone, change the properties of the original employee object and print the properties of both the original and clone object and note down your observation.

*/

```
public class Employee implements Cloneable {  
    private String name;  
  
    public Employee(String name) {  
        this.name = name;  
    }  
  
    public String getName() {  
        return name;  
    }  
  
    public void setName(String name) {  
        this.name = name;  
    }  
  
    @Override  
    public Employee clone() {  
        try {  
            return (Employee) super.clone();  
        } catch (CloneNotSupportedException e) {  
            System.out.println("Cloning Not Allowed");  
        }  
    }  
}
```

```
        return this;
    }
}

public static void main(String[] args) {
    // TODO Auto-generated method stub
    Employee emp = new Employee("Shubham Chaudhary");
    Employee empClone = emp.clone();

    empClone.setName("Sahil");

    System.out.println(empClone.getName());
    System.out.println(emp.getName());
}

}
```