

```
public class Change {  
    public Object change(Object obj, Operation op) {  
        if (op.objectIsChangeable(obj)) {  
            saveUndo(obj);  
            try (FileWriter fw = new FileWriter("log.txt", true)) {  
                fw.write("Changing: " + obj);  
            } catch (IOException e) {  
                e.printStackTrace();  
            }  
            return op.apply(obj);  
        } else {  
            try (FileWriter fw = new FileWriter("log.txt", true)) {  
                fw.write("Not changeable: " + obj);  
            } catch (IOException e) {  
                e.printStackTrace();  
            }  
        }  
        return obj;  
    }  
  
    private void saveUndo(Object obj) {  
        try (FileWriter fw = new FileWriter("log.txt", true)) {  
            try (ObjectOutputStream oos = new ObjectOutputStream(new  
                FileOutputStream("backup"))){  
                oos.writeObject(obj);  
            }  
            fw.write("Saved backup");  
        } catch (IOException e) {  
            e.printStackTrace();  
        }  
    }  
}
```