

BINUS University

Academic Career: <i>Undergraduate / Master / Doctoral *)</i>		Class Program: <i>International/Regular/Smart Program/Global Class*)</i>	
<input type="checkbox"/> Mid Exam <input checked="" type="checkbox"/> Final Exam <input type="checkbox"/> Short Term Exam <input type="checkbox"/> Others Exam : _____		Term : Odd/Even/Short *)	
<input checked="" type="checkbox"/> Kemanggisan <input checked="" type="checkbox"/> Alam Sutera <input checked="" type="checkbox"/> Bekasi <input type="checkbox"/> Senayan <input type="checkbox"/> Bandung <input type="checkbox"/> Malang		Academic Year : 2020 / 2021	
Faculty / Dept. : School of Computer Science		Deadline	Day / Date : Selasa / 27 Jul 2021 Time : 17:00
Code - Course : COMP6106 - Code Reengineering		Class : All Classes	
Lecturer : Team		Exam Type : Online	
*) <i>Strikethrough the unnecessary items</i>			
<i>The penalty for CHEATING is DROP OUT!!!</i>			

Learning Outcomes:

LO 2: Apply Advanced refactoring and its application

LO 3: Formulate suitable refactoring for code environment

I. Kasus (100%)

Analisa dan lakukanlah *refactoring* pada *project* java uas-code-reengineering ini. Adapun kriteria *smell code* yang harus dianalisa adalah:

1. (LO 2 & LO 3, 20 poin) *Object Oriented Design Smell*
2. (LO 2 & LO 3, 20 poin) *Abstraction Smell*
3. (LO 2 & LO 3, 20 poin) *Bad Code Smell Encapsulation*
4. (LO 2 & LO 3, 20 poin) *Modularization Smell*
5. (LO 2 & LO 3, 20 poin) *Hierarchy Smell*

Jelaskan detail *smell* yang ditemui dengan melengkapi :

Smell code :
Penyebab :
Solusi :

Untuk masing-masing *smell code* memiliki *package* sendiri, silahkan tambahkan *package* baru dibawah *package* yang sama dengan nama *solution*. Tambahkan solusi *refactoring* Anda pada *package* baru tersebut.

-- Selamat Mengerjakan --

Verified by,

[Kenny Jingga] (D6426) and sent to Program on Jun 23, 2021