

BINUS University

Academic Career: <i>Undergraduate / Master / Doctoral *)</i>		Class Program: <i>International / Regular / Smart Program / Global Class *)</i>	
<input checked="" type="checkbox"/> Mid Exam <input 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 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 Apr 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 1: Evaluate Basic refactoring and its application**
LO 2: Apply Advanced refactoring and its application
LO 3: Formulate suitable refactoring for code environment

I. Esai (100 poin)

Berikan **contoh snippet code dengan smell** yang termasuk dalam kategori berikut:

1. *The bloater*
2. *The object orientation abuser*
3. *The change preventer*
4. *The dispensable*
5. *The couplers*

Kemudian, berikan **snippet code solusinya**.

Jelaskan dengan detail mengapa *snippet code* pertama mengandung *smell* yang dimaksud dan bagaimana *snippet code* solusi bisa menghilangkan *smell* tersebut (**LO 1, LO 2, LO 3, masing-masing smell berbobot 20 poin**).

-- Selamat Mengerjakan --

Verified by,

Alvina Aulia, S.Kom., M.T.I. (D4554) and sent to Program on Mar 30, 2021