



**UNIVERSITAS GUNADARMA**  
LEMBAGA PENGEMBANGAN KOMPUTERISASI

**CERTIFICATE**

This is to certify

**JULIUS LEONARDO**

Has successfully completed the course of  
**ORACLE FOR INTERMEDIATE**

held on :

PTA 2017/2018



January 18th, 2018

Prof. Dr. E. S. Margianti, SE, MM.

**3010330180118546**

**SUBJECTS :**

1. Creating And Managing Tables
2. Including Constraints
3. Creating Views
4. Other Database Objects
5. Displaying Data From Multiple Tables
6. Subqueries
7. Writing Explicit Cursors
8. Handling Exceptions