



Certificate no: UC-39f7af11-d4b1-4cee-a28c-0a91944d9d14

Certificate url: [ude.my/UC-39f7af11-d4b1-4cee-a28c-0a91944d9d14](https://ude.my/UC-39f7af11-d4b1-4cee-a28c-0a91944d9d14)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# Refactoring to Design Patterns by Example

Instructors **Zoran Horvat**

**Simrandeep Singh Palia**

Date **July 25, 2021**

Length **4.5 total hours**