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FA21- CPSC 60000

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10/22/2021

I have choose DoorKnob Installation system as a topic for my final project. A door handle or doorknob is a handle used to open or close a door. Door handles can be found on all types of doors including exterior doors of residential and commercial buildings, internal doors, cupboard doors and vehicle doors. There are many designs of door handle, depending on the appropriate use.

Implementing one pattern was easy but then faced few errors with the rest . After reading the books and the examples you provided i started implementing the rest of it . Then i started to run into a trouble when i had to implement more than two patterns.I have implemented the 4 patterns ( Factory , Builder , Iterator , State). I learned a lot while rectifying the errors. I could succesfully run the code and display the output.

I have faced the biggest challange in incorporating multiple patterns within the same program and programming the GUI ! Future outcomes is i would like to implement a GUI which requires a different skill set . I realize now why the projects have a front-end and a back-end part.I would also love to implement a mySQL database.