

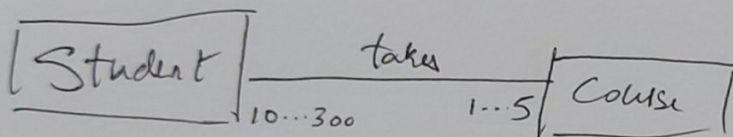
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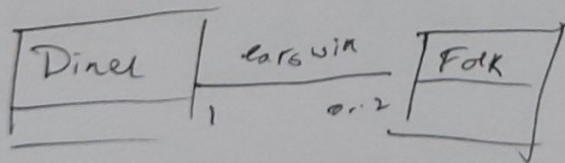
## Software Engineering Assignment-2

### Class Diagrams

- ① A student can take upto five courses every student has to be enrolled in atleast one course. upto 300 students can enroll in a course. A class should have atleast 10 student.

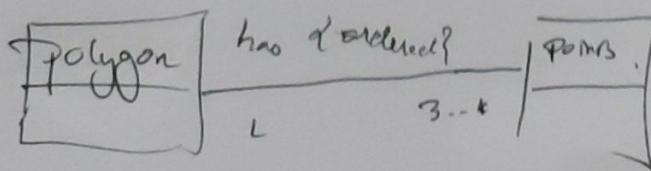


- ② A class diagram for a dinner in a restaurant who uses fork to eat noodle.

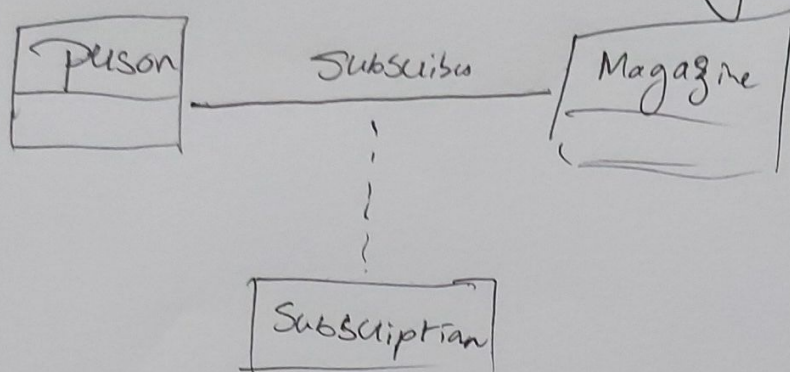


- ③ ~~A pop Polygon 3,~~

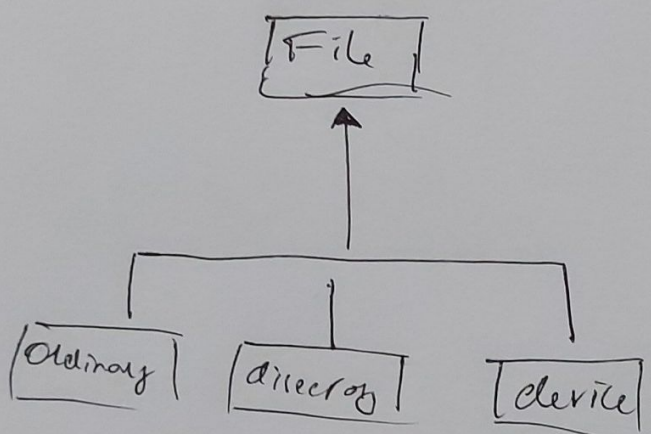
- ③ A Polygon is composed of an ordered set of points



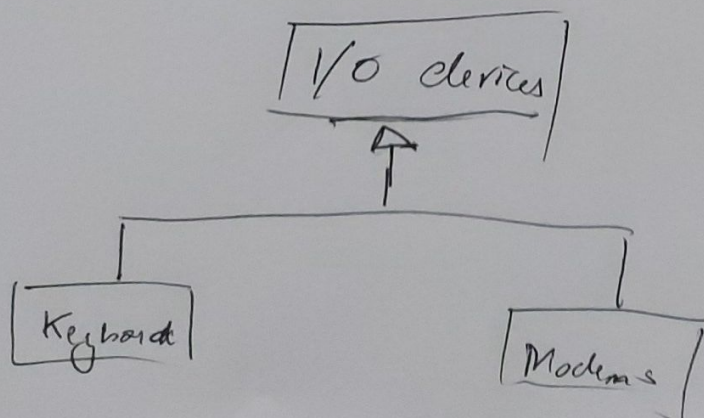
④ A Person Subscribes for magazines



⑤ Write a class model for the statement, "A file is an ordinary file or directory file or device file"

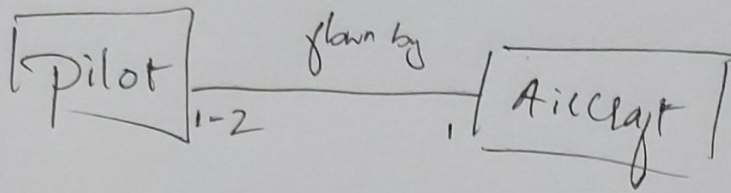


⑥ Keyboards & Modems are considered as I/O devices

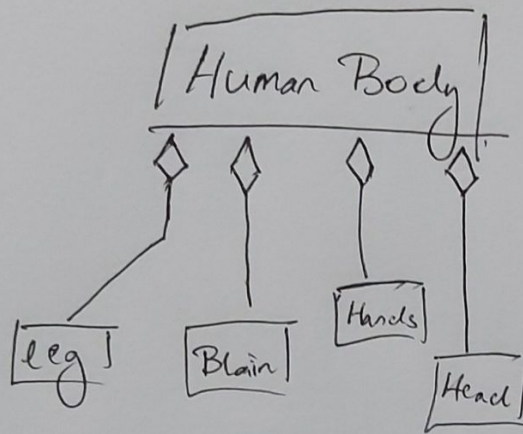




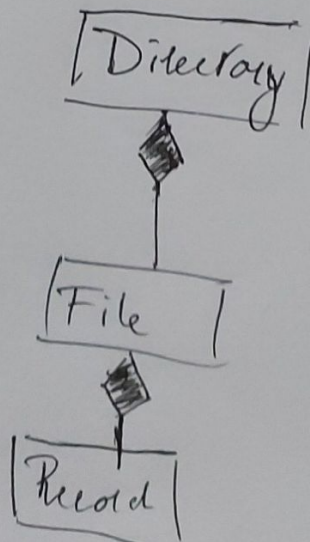
⑦ An aircraft has a Pilot and a Copilot.



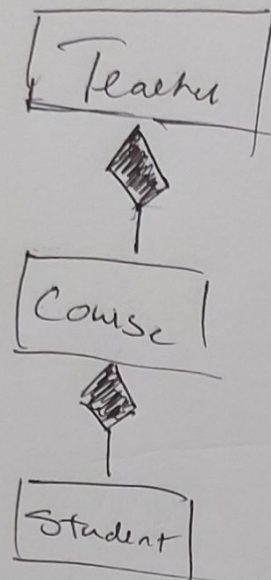
⑧ Class Model for human body with aggregation.



⑨ A file contains records & files are a part of a directory system. Represent the above from the Unix operating system.



- ⑩ A teacher registers for a course taught by a teacher.



- ⑪ Food Ordering System (UML Diagram)

