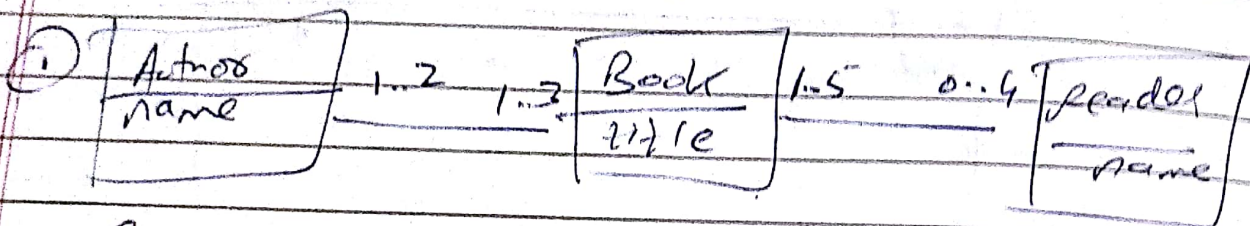
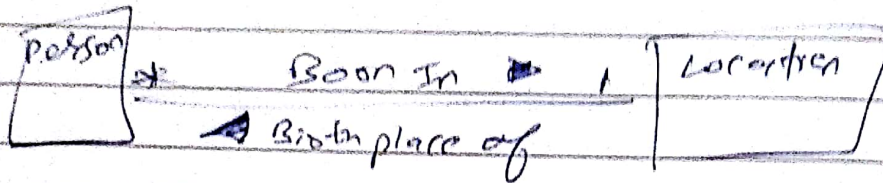


# Tutorial 1 - UML

UML

- ① Relationships
- ② Attributes.



If 6 authors

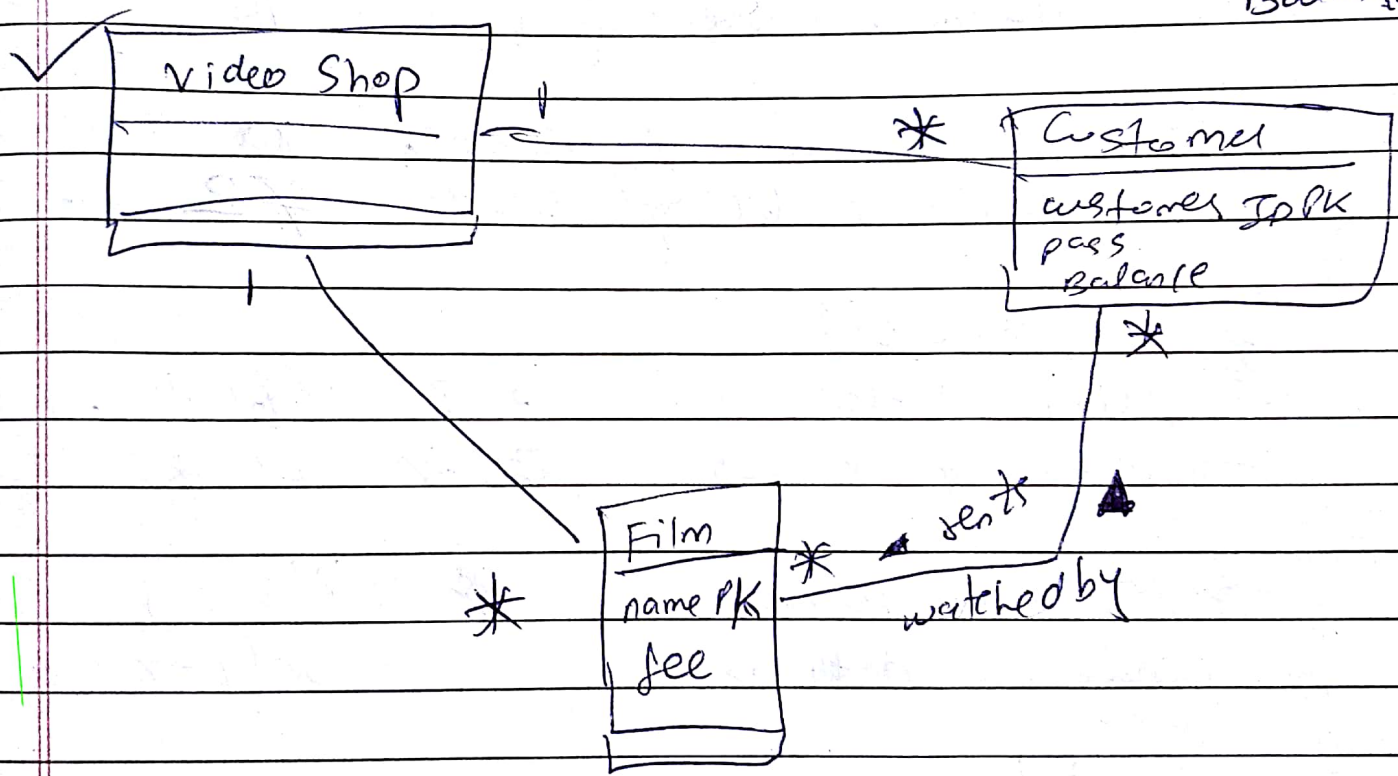
- minimum number of books - 3 ( $6/2 \times 1 = 3$ )
- maximum number of books - 18 ( $6/1 \times 3 = 18$ )

- minimum no. of readers - 0 ( $3 \times 0 = 0$ )
- Maximum number of readers - 72 ( $18 \times 4 = 72$ )

If 6 readers

- Mini books. - 2 ( $6/4 \times 1 = 2$ )
- maximum books -  $\infty$  ( $6/0 \times 5 = \infty$ )
- minimum Authors - 1 ( $2/2 = 1$ )
- Maxi Authors. -  $\infty$  ( $\infty/1 \rightarrow \infty$ )

Barcode.



- ③
- |      |                          |
|------|--------------------------|
| a. T | f. True                  |
| b. F | g. F                     |
| c. F | h. False                 |
| d. F | i. <del>True</del> False |
| e. T |                          |