Author\{author\_id : int (PK), author\_name : varchar\}\par

Book\{book\_id = int (PK), book\_name : varchar, book\_release : varchar,subjectarea\_id(FK),publishinghouse\_id :i int (FK)\}\par

Author\_Book \{ author\_id :int (PK FK), book\_id:int (PK FK)\par

Article\{ article\_id : int (PK), article\_number : int,subjectarea\_id(FK), journal\_id : int (FK)\}\par

Author\_Article \{ author\_id :int (PK FK), article\_id:int (PK FK)\}\par

Subject Area\{ subjectarea\_id :int (PK), subjectarea\_name : varchar\}\par

Shelves\{ shelves\_id :int (PK), shelves\_location : varchar, shelves\_conditon : varchar,subjectarea\_id :int (FK\}\par

Book\_Shelves\{book\_id :int (PK FK), shelves\_id : int (PK FK)\}\par

Publishing house \{publishinghouse\_id :int (PK),publishinghouse\_location : varchar)\}\par

Journal\{ journal\_id : int (PK), journal\_name : varchar, journal\_size :int, subjectarea\_id:int(FK),shelves\_id:int(FK),publishinghouse\_id:int(FK),borrow\_id:int(FK)\}\par

Borrow\{borrow\_id:int(PK),reservation\_id:int(FK)\}\par

Bookcopy(bookcopy\_id:int(PK),bookcopy\_name:varchar,bookcopy\_amount:int,\par

book\_id:int(FK)\}\par

Bookcopy\_Borrow\{(bookcopy\_id:int(PK FK),borrow\_id:int(PK FK)\}\par

Reservation\{reservation\_id:int(PK),reservation\_name:varchar,reservation\_urgency:varchar,costumer\_id:int(FK),borrow\_id:int(FK)\}\par

Book\_Reservation\{book\_id:int(PK FK),reservation\_id:int(PK FK)\}\par

Book\_Borrow\{book\_id:int(PK FK),borrow\_id:int(PK FK)\}\par

Employee\{employee\_id:int(PK),employee\_name:varchar,employee\_status:varchar,\}\par

Borrow\_Employee\{borrow\_id:int(PK FK),employee\_id:int(PK FK)\}\par

Reservation\_Employee\{reservation\_id:int(PK FK),employee\_id:int(PK FK)\}\par

Customer\{customer\_id:int(PK),customer\_name:varchar,customer\_age:int,employee\_id:int(FK)\}\par

Borrow\_Customer\{borrow\_id:int(PK FK),customer\_id:int(PK FK)\}\par