数据库系统作业

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1. 1. branch(**branch\_name**, branch\_city, assets)

主码：branch\_name

customer (**customer\_name**, customer\_street, customer\_city)

主码：customer\_name

loan (**loan\_number**, branch\_name, amount)

主码：loan\_number

borrower (**customer\_name**, **loan\_number**)

主码：customer\_name loan\_number

account (**account\_number**, branch\_name, balance)

主码：account\_name

depositor (**customer\_name**, **account\_number**)

主码：customer\_name account\_name

|  |  |  |
| --- | --- | --- |
| 数据库名 | 主码 | 外码 |
| branch | branch\_name | NULL |
| customer | customer\_name | NULL |
| loan | loan\_number | branch\_name 参照 branch |
| borrower | customer\_name loan\_number | customer\_name 参照 customer  loan\_number 参照 loan |
| account | account\_name | branch\_name 参照 branch |
| deposito | customer\_name account\_name | customer\_name 参照 customer  account\_name 参照 account |

1. 不能，s\_id不再是advisor的主码。因为可能存在多个元组有着相同的s\_id，此时s\_id不能用来区别不同的元组。advisor的主码应该是s\_id,i\_id。
2. 关系是关系模式的一个实例

关系模式是类型的定义