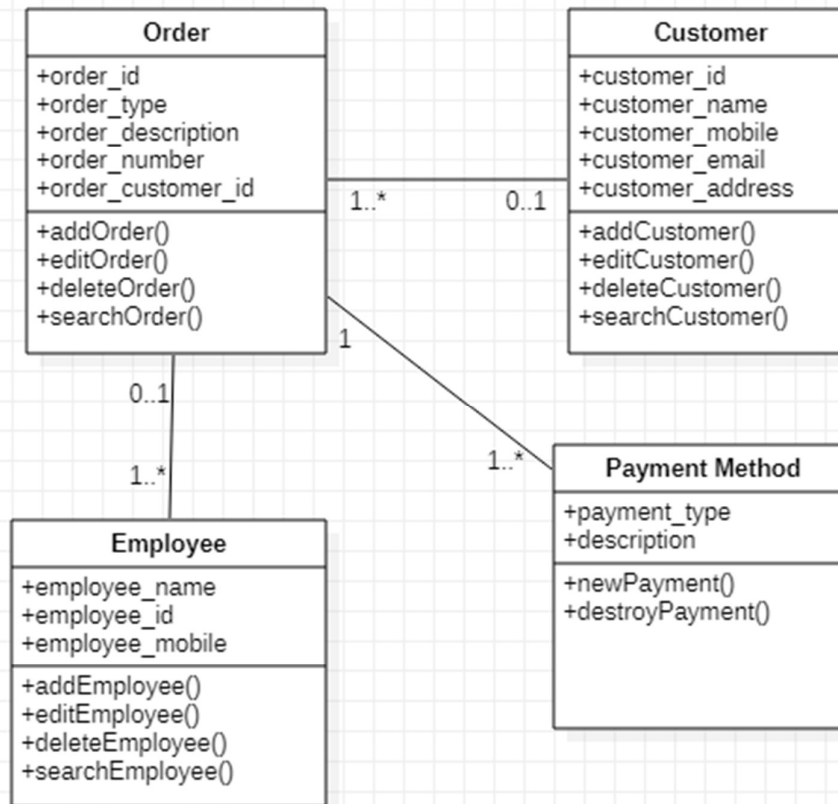
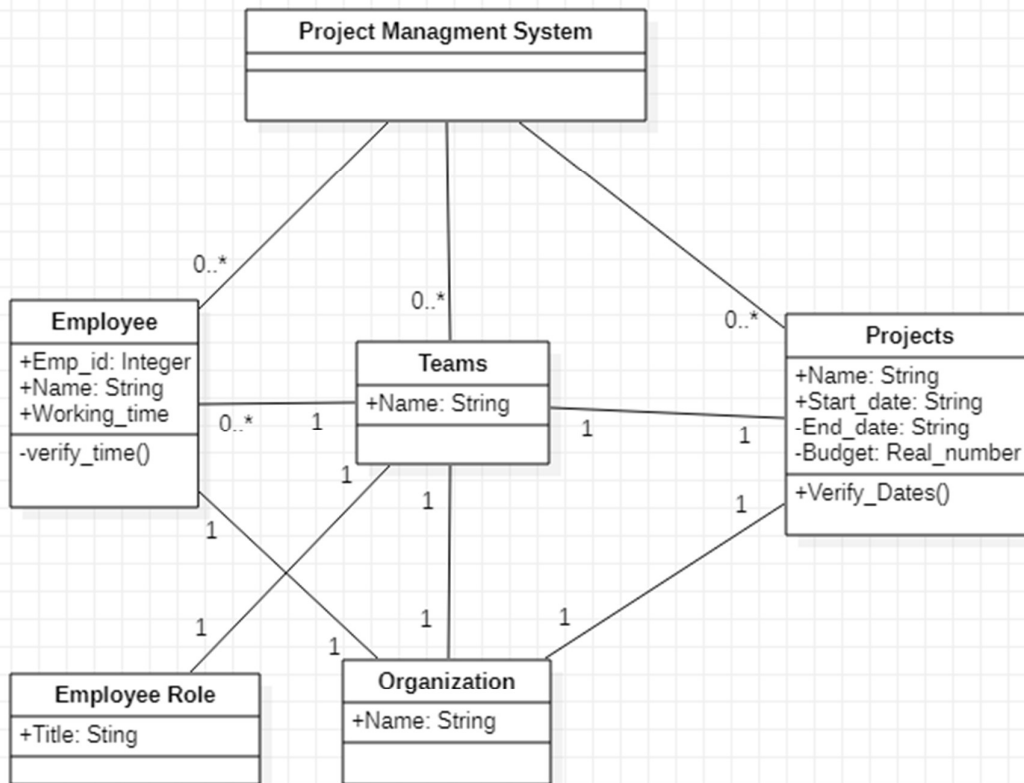
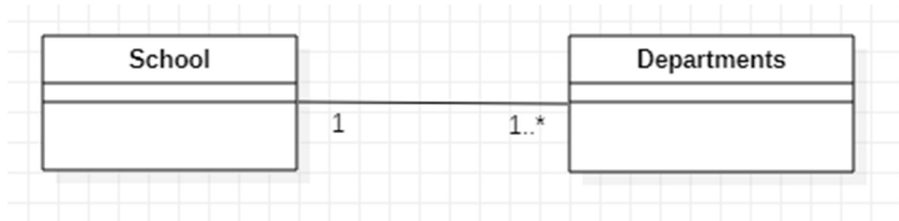


Lab 02: Class diagram with their notation and relationships.**Task 01:**

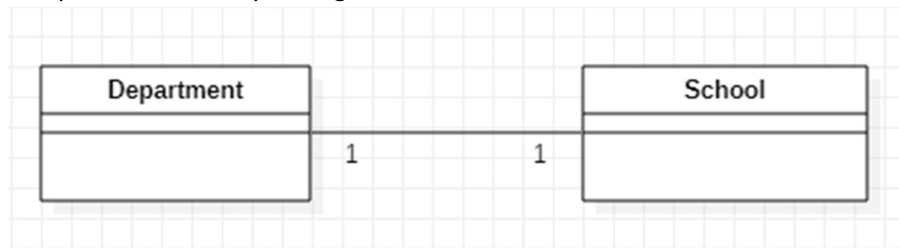
Task 02:

Task 03:

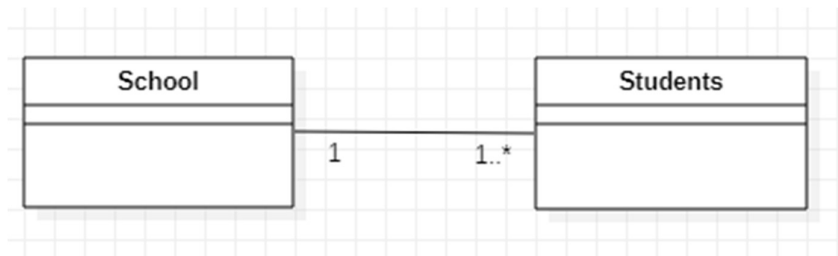
- A school has one or more department



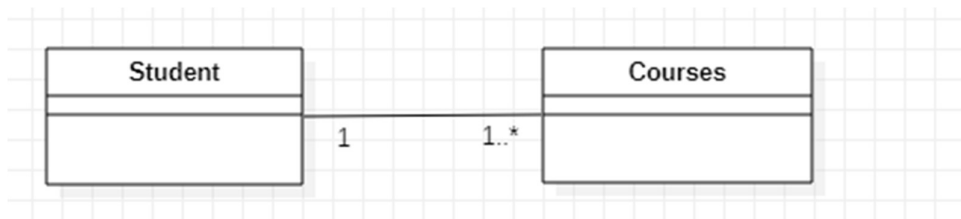
- A department can only belong to one school.



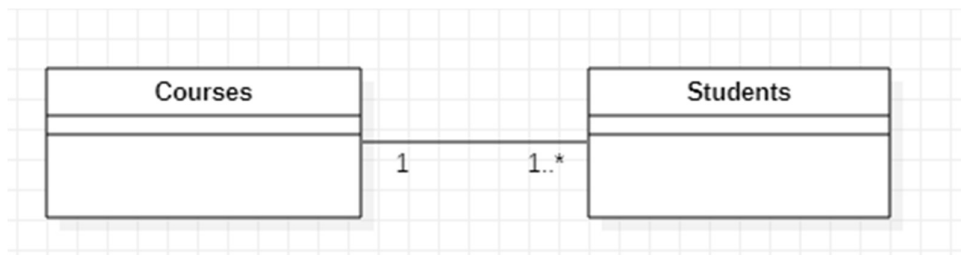
- A school has one or more students.



- A student can attend one or more courses.



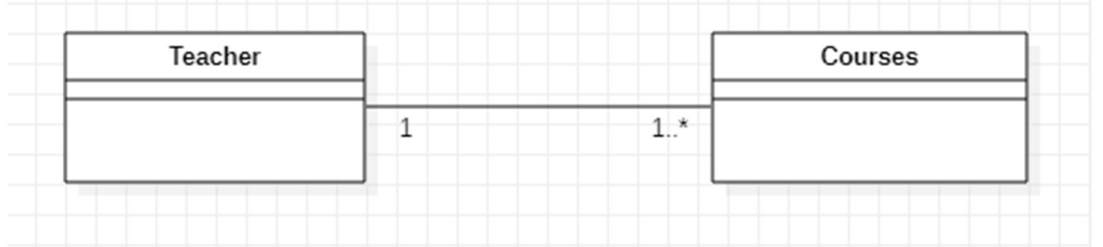
- A courses can have one or more students.



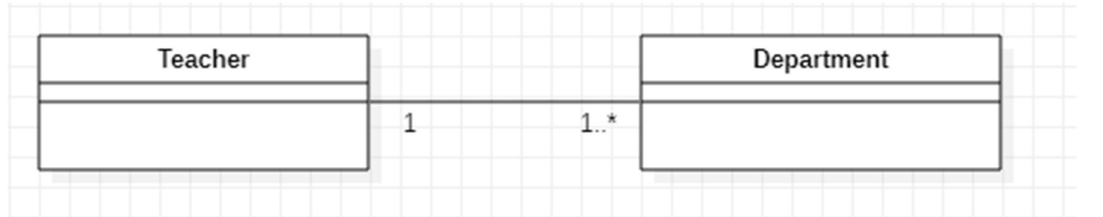
- A course is taught by one teacher only.



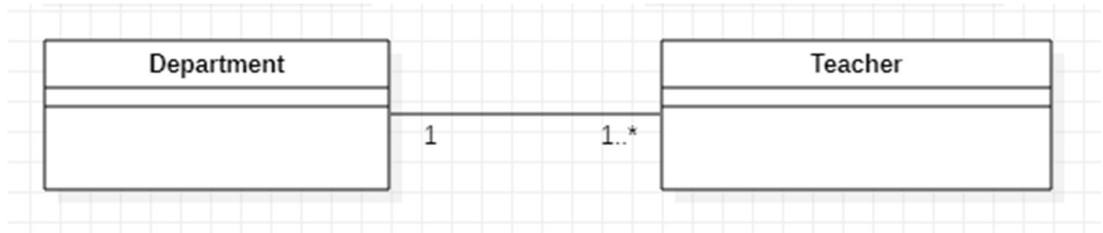
- A teacher can teach one or more courses.



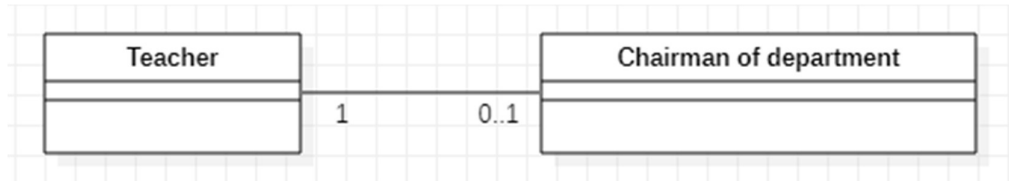
- A teacher is assigned one or more departments



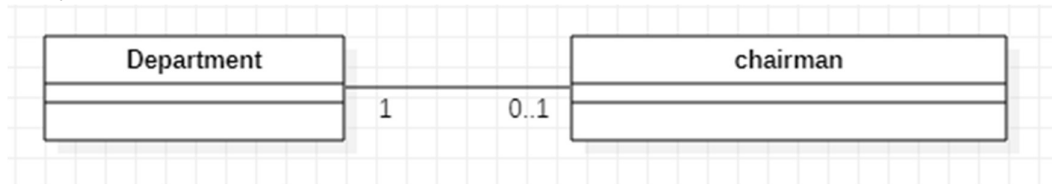
- A department can have one or more teachers.



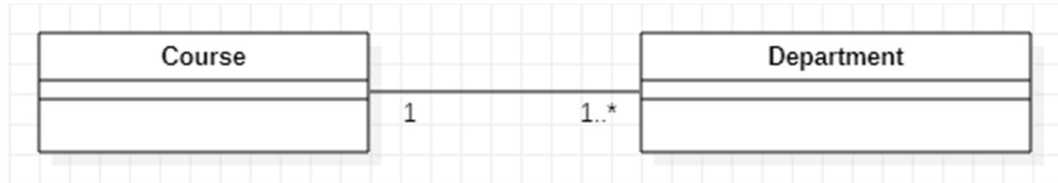
- A teacher can be the chairman of zero or one department.



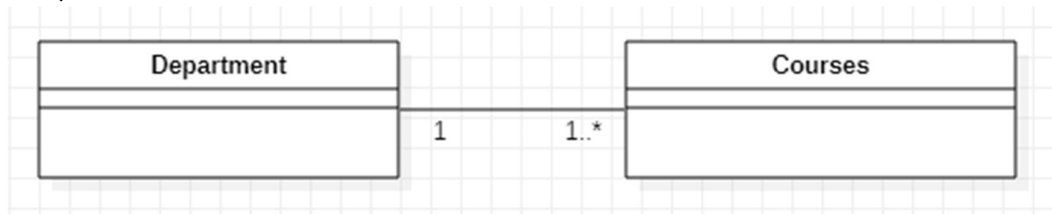
- A department can have zero or one chairman (teacher).



- A course belong to one or more departments.



- A department can have one or more courses etc.



Task 04:**Class Diagram of Holiday Inn Hotel**