





P.S: Manager ID is used to distinguish managers between team members, and determine manager in charge of a certain warehouse.
Any staff (have staff ID) who have no Manager ID are team members.

1. $\pi_{name}(\sigma_{gender=female}(\sigma_{job=designer}(\text{Job Requirement}$

$\bowtie_{Job\ courseID=Enrolment\ courseID}\ \text{Enrolment}$

$\bowtie_{Enrolment\ studentID=Student\ studentID}\ \text{Student})$

2. $\pi_{name}(((\text{Enrolment} \div \pi_{courseID}(\sigma_{job=designer}\ \text{Job Requirement})) -$

$\pi_{studentID}(\sigma_{faculty=law}\ \text{Course} \bowtie \text{Enrolment})) \bowtie \text{Student})$

3. $\pi_{coursename}(\text{Course}) - (\pi_{coursename}(\sigma_{gender=male}(\text{Student}$

$\bowtie_{Student\ studentID=Enrolment\ studentID}\ \text{Enrolment}$

$\bowtie_{Enrolment\ courseID=Course\ courseID}\ \text{Course})) \cap (\sigma_{gender=female}(\text{Student}$

$\bowtie_{Student\ studentID=Enrolment\ studentID}\ \text{Enrolment}$

$\bowtie_{Enrolment\ courseID=Course\ courseID}\ \text{Course}))$