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CS 300-ON

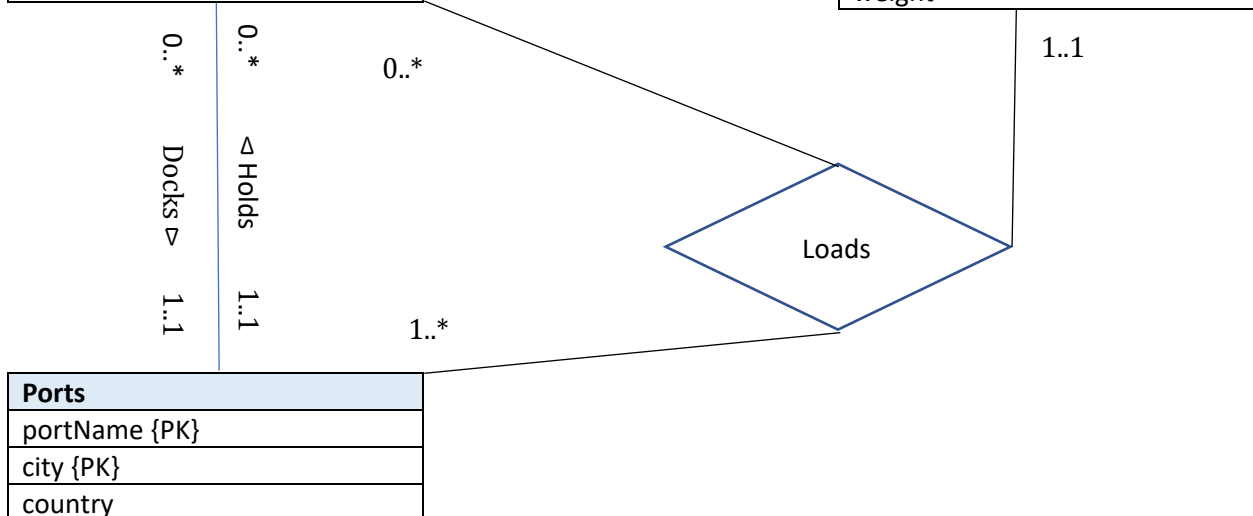
Shipping\_ERD

Strong Entity

Ships	
shipName {PK}	
displacement	
captainName	
crewNumber	
homeport {FK}	
year	

Strong Entity

Containers	
containerID {PK}	
height	
width	
length	
shipID {FK}	
weight	



Strong Entity

### Describing the ternary relationship

When Ships and Containers are held constant, container is loaded onto ship at one or more ports

When Ships and Ports are held constant, 1 container is loaded onto 1 ship at the port

When Containers and Ports are held constant, containers are loaded onto 0 or more ships at a port