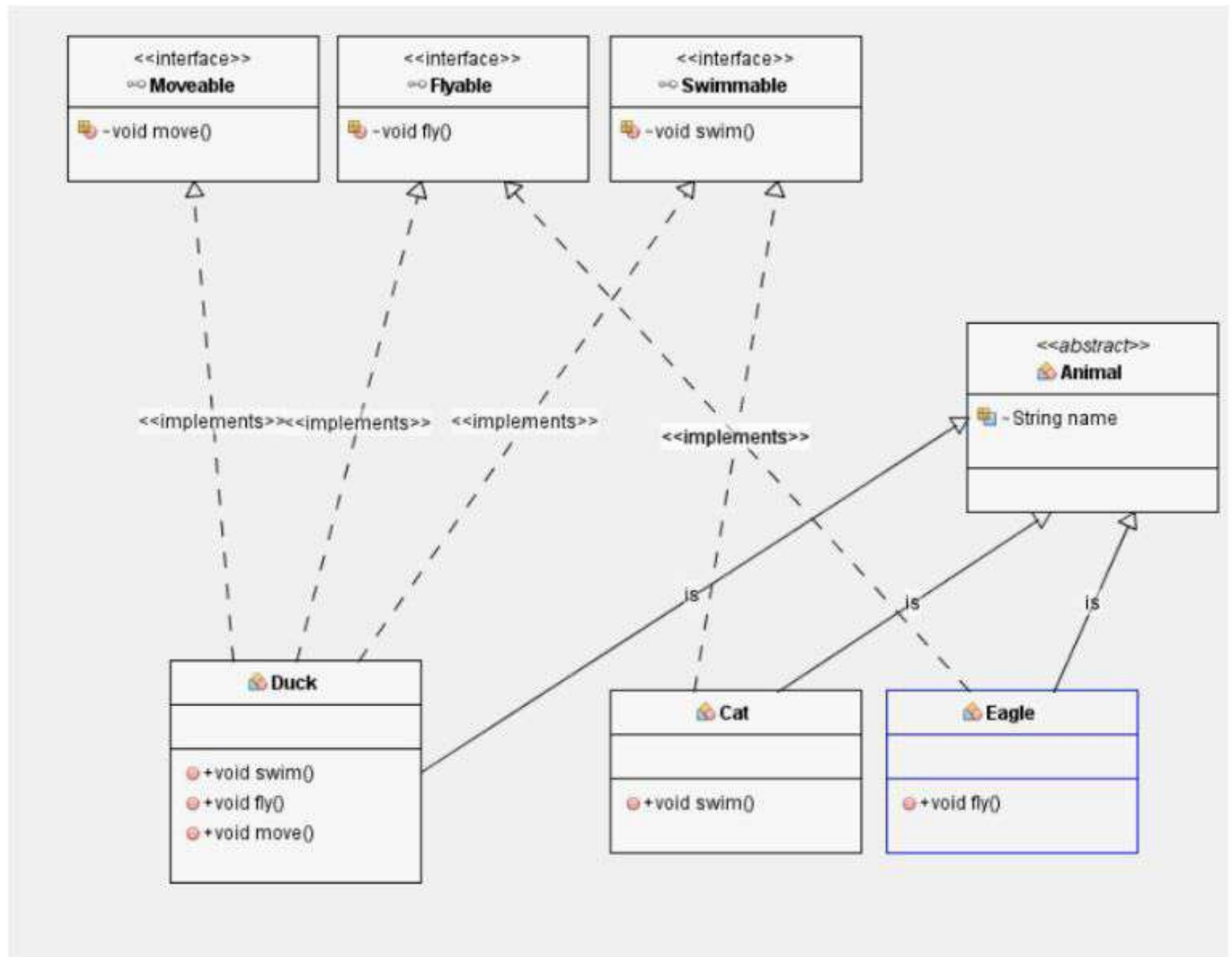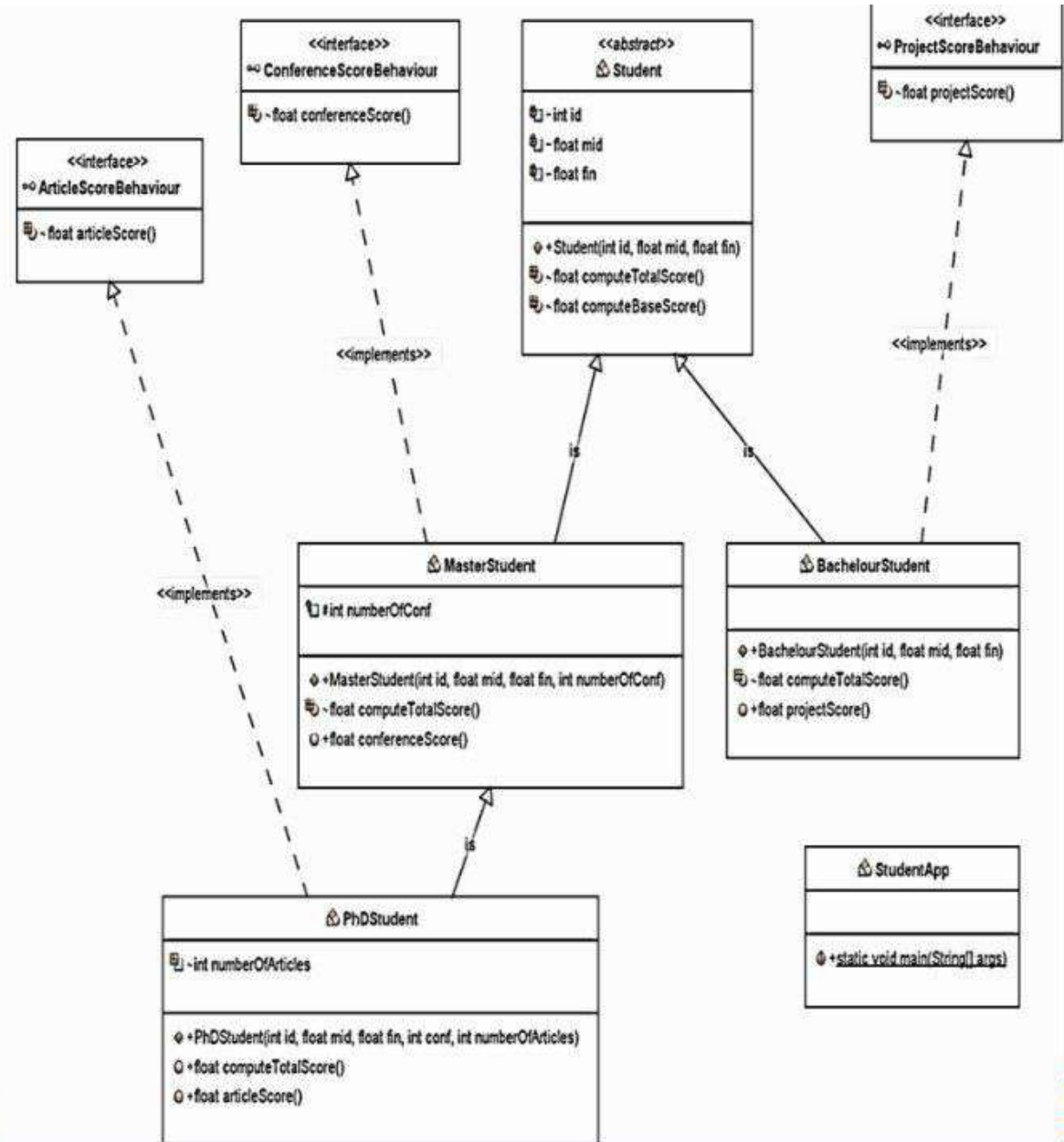# An example

Lab exercise

Write the classes and interfaces given by following diagram. Override methods for each class given by table (symbols: #protected, ~ default -private, + public).

Note: Use the table in the next slide.

	computeTotalScore()	computeBaseScore()	projectScore()	conferenceScore()	articleScore()
Student	*abstract*	Mid * 0.4 + fin * 0.6	--	--	--
BachelourStudent	computeBaseScore() + projectScore()	--	20	--	--
MasterStudent	computeBaseScore() + conferenceScore()	--	--	numberOfConf * 5	--
PhDStudent	computeTotalScore() + articleScore()	--	--	--	numberOfArticle*8

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Student	*abstract*	Mid * 0.4 + fin * 0.6	--	--	--
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