

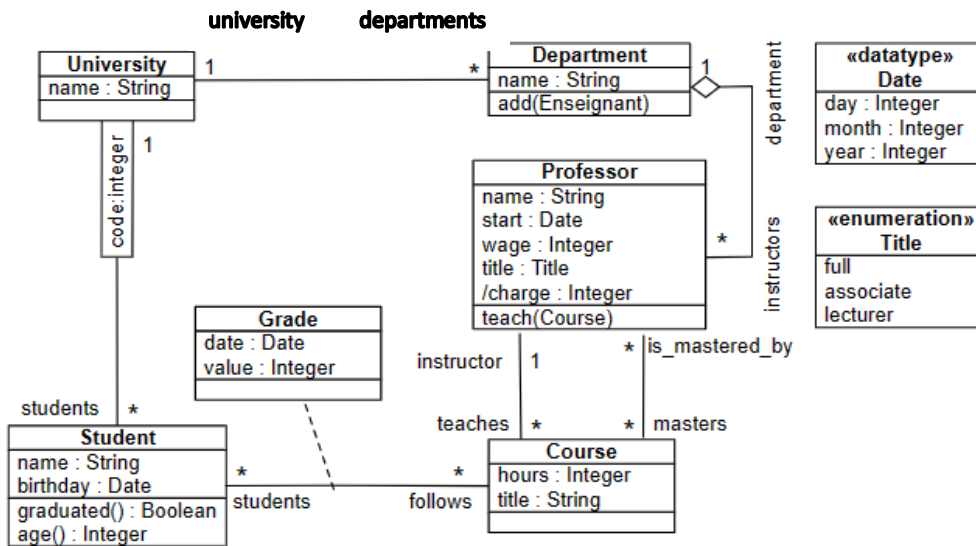
Quiz # 3(Section B)

Formal Methods 20/3/2025

Name: -----

Roll No:-----

For the following UML Class Diagram, write down constraints in OCL. (Total Points= 16, 2 points each)



1. A department's university should not be null.
2. A university must have at least one department
3. A student average grade is always greater than 4:
4. There is at least one student named 'Ali' in the university
5. If the title of the Professor is 'full' he teaches at least three courses.
6. The wage of all instructors in a departments is at least 100,000 PKR.
7. A student cannot follow more then three courses at a time