Introduction to Functional Programming

Develop a software system that – university register for students – that can:

1. Add a new student.
2. Remove an existing student
3. Query existing students by name, ID, course and module – attributes
4. Perform query of interest:
   1. Get all students on a given module and sort entries in descending order, based on marks
   2. Get all students on a given course whose names match a given text
   3. Get all students whose names begin with a given letter

Can use OO to create class students and then student objects on which to work on. One option is to create a List of objects then use Stream() and filter() to query the stream. Make use of a Predicate to apply lambda functions on each element of the list.

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# Introduction

This will represent a software system that mimics a university register for students. It will use OO to build a student Class that will then have different student objects. The objects will have different attributes such as

# Development

# Critical Review

# Conclusion

# Estimated grade

# References