



Faculty of Engineering and Applied Science

SOFE3650

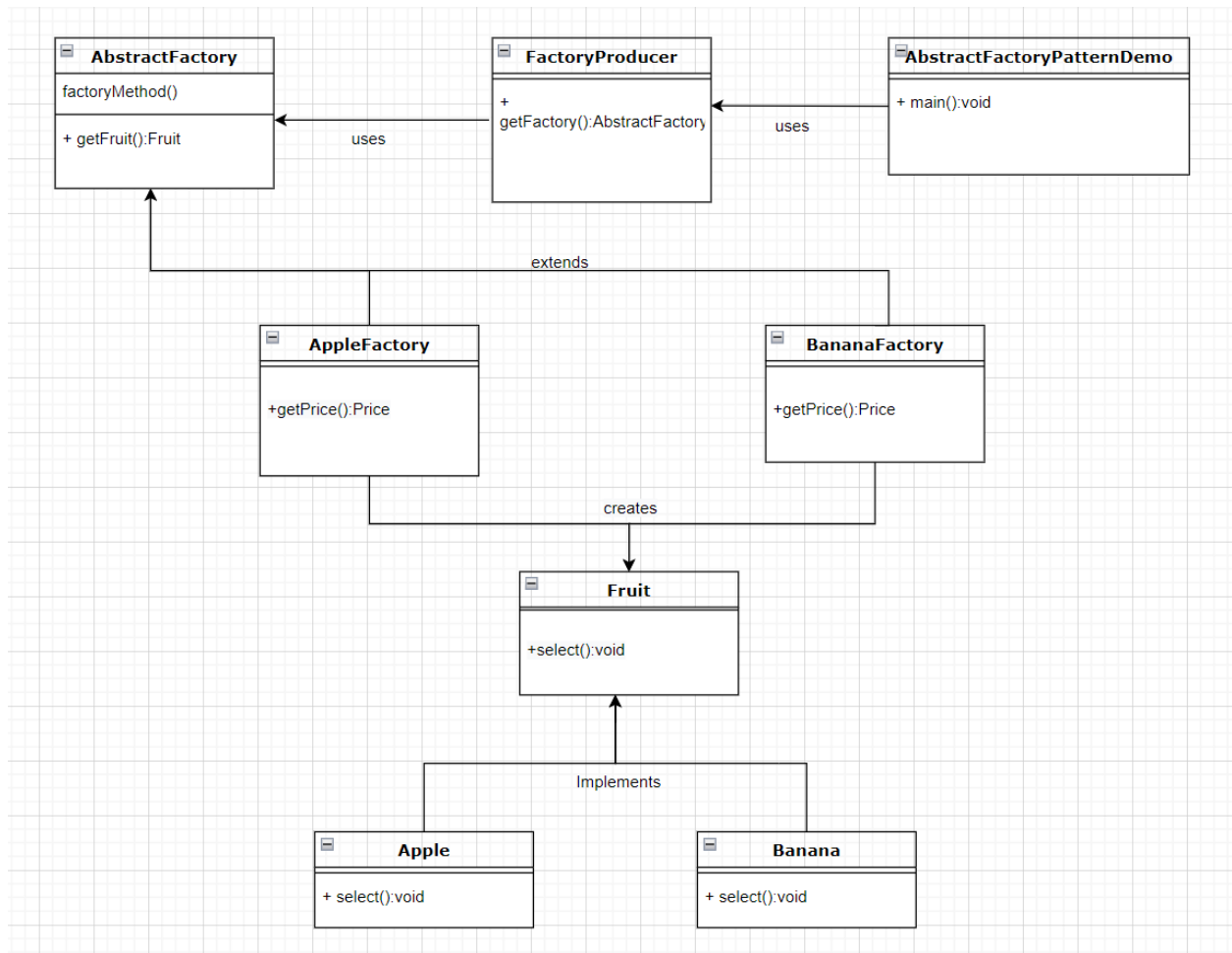
Software Design and Architecture

Assignment 1: Design Patterns

Prepared and Presented by: Susan Ahmadi,

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Assignment 1 Rubric

Criteria	Ratings				Pts
Q1 - UML Diagram	10 to >8.0 pts Exceeds Expectations UML diagram is complete and contains proper dependencies.	8 to >6.0 pts Adequately meets Expectations UML diagram is missing some key classes but has some resemblance to the Abstract Factory design pattern. The Classes are correct, but the dependencies are wrong.	6 to >5.0 pts Minimally meets Expectations There are a few Classes defined but the Abstract Factory pattern is not leveraged.	5 to >0 pts Fails to meet expectations The UML diagram does not reflect the Factory Abstract design pattern and is not addressing the problem.	10 pts
Q2 - Code	6 to >4.8 pts Exceeds Expectations Code contains all classes in the pattern and the products.	4.8 to >3.6 pts Adequately meets Expectations Code is missing some key Classes that are part of the design pattern	3.6 to >3.0 pts Minimally meets Expectations There are no classes that relate to the design pattern but Classes exist for the product.	3 to >0 pts Fails to meet expectations Minimal set of Classes and it is not clear that the code represents a solution to the question.	6 pts
Q2 - Code Execution	4 to >3.2 pts Exceeds Expectations Code contains a main test Class and the results are included.	3.2 to >2.4 pts Adequately meets Expectations Code contains a main test Class and results are present but there is some discrepancy in the results or code.	2.4 to >2.0 pts Minimally meets Expectations Results results what is requested but there is no test code.	2 to >0 pts Fails to meet expectations There are not results or they are minor or the test code is incorrect.	4 pts
Total Points: 20					