

**Information and Computer Science Department**

**Summer Semester 163**

**ICS 201 – Introduction to Computing II**

**Final Exam**

**Tuesday, August 22, 2017**

**Duration: 120 minutes**

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| **Name:** |  |

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| **Question #** | **Max Score** | **Score** |
| **1** | 35 |  |
| **2** | 35 |  |
| **3** | 35 |  |
| **Total** | **100** |  |

**Question # 1**

Write a GUI fraction simplifier in which the user enters a fraction to simplify it.

**Question # 2**

Write a method that takes a linked list of courses as a parameter and removes the duplicates using iterators/ list iterators only.

**Question # 3**

Write a program that displays four images in a cycle. The image will change every second.