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| INFO I-201  Homework # 08  Due date: Wednesday 4/29/2015  at the beginning of the class (1:00 pm) |
| Submission instructions:   * Download this file, ‘Homework\_08’, on your computer. * Type your answers. * Print out the file with your answers. * Bring your answers to class on the due date.   **Honor Principle:**You are allowed to discuss the problems and exchange solution ideas with your classmates. But when you write up any solutions for submission, you must work alone. You may refer to any textbook you like, including online ones. However, you may not refer to published or online solutions to the specific problems on the homework. *If in doubt, ask the professor for clarification!* |

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| Name: Theral Jessop |

1. **(10 Points)**

**Question # 4 page 577**

1. **(10 Points)**

**Question # 6 page 578**

1. **(10 Points)**

**Question # 14 page 578**

1. **(10 Points)**

**Question # 22 page 579**

1. **(10 Points)**

**Question # 32 page 580 (Hint, think of the rooms as nodes, plus an outside node)**

1. **(15 Points)**

**Question # 6 page 591 (show your steps by drawing the graph as many times as you need)**

1. **(15 Points)**

**Question # 18 page 584 (show the MST in bold in the graph)**

1. **(10 Points)**

**Question # 10 page 605**

1. **(10 Points)**

**Question # 16 page 605**