MSOE EECS Department
CS2911: Week 9 Lab Grading Checklist
Dr. Yoder Names:

Item	Points
Introduction: Describe the lab in your own words (You may use the space below)	/ 1
Design by dividing task into clear modular sub-tasks	/ 1
Document author and purpose of each method, dividing work reasonably	/ 1
Design and ***refactor*** to reuse code and keep methods short	/ 1
Ensure (p-1)%e != 0 for both p and q	/ 1
Ensure p and q are prime	/ 1
Ensure $p \neq q$	/ 1
Ensure p and q are in the right range	/ 1
Ensure code works 100% of time	/ 1
Demonstrate your program to the instructor during the lab period • Code review • Submit code for unit test (?)	/ 3
On another sheet of paper, ***answer*** the question: 1. In this lab, Trudy is able to find the private key from the public key. Why is this not a problem for RSA in practice?	/ 2
Answer the question: 2. How is the RSA code able to run using such large numbers?	/ 2
Excellent Credit: Complete the exercise and answer the question	/ 1
Summarize what you learned during this lab (You may use the space below)	/ 1
Things you liked about the lab or suggestions for improvement	/ 1
Follow submission instructions below	/ 1
Total	/ 20

- ***Staple*** this lab cover sheet on top of all the materials you are submitting.
- Submit your work in the ***order*** listed above.
- In addition to the materials above, submit any other supporting materials you create while working the lab where they fit best in your report.
- Your demo is due during the lab period. Your lab packet is due by 9 AM on the day after the lab is performed. You may do your (late) demonstration after submitting your lab packet if necessary. There is a 1 point per day late penalty on the demo. The maximum late penalty for the report+demo per day is 2 points. Slip your submitted lab packet under my office door or submit your packet to me during the laboratory.