

CC3 – Object Oriented Programming

Laboratory Exercise #8 Graphics Class

Name:	Date:
Code/Schedule:	Terminal #:
Topic(s) Covered: AWT package, Graphics clas	ss, paint() method
Estimated Completion Time: 2 meetings	
Objectives:	
 To utilize the predefined methods found in t AWT package. To demonstrate creativity in designing grap Activity:	·
After practising with the HappyFace demo active shows your own RPG character (e.g., Wizard) using the Graphics class. The program should ask for choose from a list of colors using JOptionPane. The Graphics canvas on top of the RPG character, who the character's main parts (other parts may himputted color). Required: There exists at least one or more of early drawOval()/fillOval() and the character of the character of the character's main parts (other parts may himputted color). Required: There exists at least one or more of early drawOval()/fillOval() and the character of the	sing the different shapes found or a name and asks the user to the name will appear in the while the color will be applied have colors other than the



Laboratory Exercise Score Sheet

Trait	Exceptional (4)	Acceptable (3)	Amateur (2)	Unsatisfactory (1)
Specifications	The program works and meets all of the specifications.	The program works and produces the correct results and displays them correctly. It also meets most of the other specifications.	The program produces correct results but does not display them correctly.	The program is producing incorrect results.
Readability	The code is exceptionally well organized and very easy to follow.	The code is fairly easy to read.	The code is readable only by someone who knows what it is supposed to be doing.	The code is poorly organized and very difficult to read.
Reusability	The code could be reused as a whole or each routine could be reused.	Most of the code could be reused in other programs.	Some parts of the code could be reused in other programs.	The code is not organized for reusability.
Documentation	The documentation is well written and clearly explains what the code is accomplishing and how.	The documentation consists of embedded comment and some simple header documentation that is somewhat useful in understanding the code.	The documentation is simply comments embedded in the code with some simple header comments separating routines.	The documentation is simply comments embedded in the code and does not help the reader understand the code.
Delivery	The program was delivered on time.	The program was delivered within a week of the due date.	The code was within 2 weeks of the due date.	The code was more than 2 weeks overdue.
Efficiency	The code is extremely efficient without sacrificing readability and understanding.	The code is fairly efficient without sacrificing readability and understanding.	The code is brute force and unnecessarily long.	The code is huge and appears to be patched together.