Summer 2004

CS 214: Object Oriented Programming

Roddy Keish

Wright State University - Main Campus

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CS 214 Object Oriented Programming

Instructor: Roddy Keish

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Instructor Info

- E-Mail
  - Office - roddy.keish@wpafb.af.mil
  - Home - keishr@Gemair.com
- Telephone
  - Office - (937) 255-3541
- Fax
  - (937) 255-9985
- Web Site – www.cs.wright.edu/~keishr/Index.htm
- Available anytime by E-Mail (with restrictions). I will be at class at least 1/2 hour before the start of class and 1/2 hour after (if requested).
**Homework Turn-In**

The programming assignments are due one week after they are passed out in class and are due at the **BEGINNING of class unless otherwise specified**. Assignments are as shown in the class schedule. It is the student's responsibility to obtain the homework from me if you do not attend class. You **MUST** have permission from me to turn in assignments late. Late homework will receive a 50% point reduction.

You must turn in:
1. Disk containing a working version of the project (Always make back ups)
2. Printed copies of the Form Image, Code and any additional print outs as requested in the assignment. Please print out code single side only.

Submit your project in a manilla envelope with clasp (~13.5" x 10.5"). Print your name, the assignment number, instructor name, and the course number (CS 214) on the outside.

**PLEASE make sure the assignment info is legible.**

Make sure you have plenty of disks and envelopes. Your assignment is due one week from when the assignment is passed out. Every attempt to return your graded assignment within two class periods will be made, however, this is not guaranteed.

Homework which is not neat and readable will be turned back with a 20% reduction in points. If your assignment can not be run due to missing files a 50% reduction in points will be assessed. Run your program before submitting it and test it thoroughly.

Students may discuss homework assignments with others. But are expected to complete and turn in their own work. Students who copy another student's assignment or share computer files will be given a grade of "F".

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**Homework Assistance**

- I will read email addressed to my GemAir home account once on Sunday morning and Sunday night as a **minimum.**
- Please, if possible, do not wait until the day homework is due to request help. I may not be available to provide adequate help due to meetings at work.
- Homework assistance is only provided if a majority of the project (70%-80%) is complete. Please describe in your email what problem you are having and I will respond promptly.
- Not being able to contact me is not an excuse for not turning homework in on time.
- I will be available at least ½ hour before class and will stay after class upon request.
Documentation of Code

In the General Declarations Section of the form, always use comments to identify the course, your name, the date, instructor, and a general comment about the assignment.

' CS 214
' John Doe
' March 27, 1999
' Instructor: Roddy Keish
' This is assignment 1 - This project calculates the area
' and circumference of a circle

You must also use at least a one line comment in each event of your project. Also, indentation of code is required for readability. All controls must be named!! (except for descriptor labels)

Examples:

```
Private Sub cmdCalc_Click()
    'This code will calculate the area and circumference of a circle
    Dim sgArea As Single 'Declare variables
End Sub
```
Filename Naming Conventions

1st Five Digit of Your LastName Assignment Number Form Number
5 digits 2 digits 1 digit

Note: Form Number is not required for a Project filename

Example: keish01.vbp for a project filename and
keish011.frm for the first form filename
keish012.frm for the second form filename
keish011.bas for the first code module
keish012.bas for the second code module
**Naming Convention Examples**

**Assignments**

Note: Project Name and Form Name can be different from that shown

Private Sub cmdMsgBox_Click()
    MsgBox "Welcome to Vintage Videos"
End Sub
Naming Convention Examples

Vintage Videos

![Image of a vintage video application interface]

**Naming Conventions for Objects**

<table>
<thead>
<tr>
<th>Object</th>
<th>Prefix</th>
<th>Example</th>
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</thead>
<tbody>
<tr>
<td>Form</td>
<td>frm</td>
<td>frmVintage</td>
</tr>
<tr>
<td>Command Button</td>
<td>cmd</td>
<td>cmdExit</td>
</tr>
<tr>
<td>Label Control</td>
<td>lbl</td>
<td>lblOut</td>
</tr>
<tr>
<td>Image Control</td>
<td>img</td>
<td>imgIcon</td>
</tr>
<tr>
<td>Text Box Control</td>
<td>txt</td>
<td>txtInput</td>
</tr>
<tr>
<td>List Box Control</td>
<td>lst</td>
<td>lstNames</td>
</tr>
<tr>
<td>Combo Box Control</td>
<td>cbo</td>
<td>cboNames</td>
</tr>
</tbody>
</table>

**Note:** All Controls in your project must be named or points will be deducted from your project. Always name controls prior to coding.
Class Room Rules

• No Internet Surfing
• No Telephones or Beepers
  – Violating either will result in a loss of 10 points for each occurrence
CS214 Schedule and Grading – Summer 04

Classes Begin 14 Jun 04

Classes End 19 Aug 04

1st Quiz 1 July
2nd Quiz 29 July
3rd Quiz 19 Aug
CS 214 Schedule and Grading*
Summer Quarter 2004

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<tr>
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<th>Thursday</th>
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<tr>
<td>14 Jun 04</td>
<td>Intro to Class, Chs 1 &amp; 2</td>
<td>Chs 2 &amp; 3</td>
</tr>
<tr>
<td>21 Jun 04</td>
<td>Ch 3, Hand Out Assign 1</td>
<td>Ch 4</td>
</tr>
<tr>
<td>28 Jun 04</td>
<td>Ch 4, Assign 1 Due Hand Out Assign 2</td>
<td>Ch 5, Vintage Videos for Chs 2, 3, 4 due</td>
</tr>
<tr>
<td>5 July 04</td>
<td>Independence Day University Closed – Hurray!!!</td>
<td>Ch 5, Assign 2 Due Hand Out Assign 3 Exam 1 – Covers Chs 2, 3, 4</td>
</tr>
<tr>
<td>12 July 04</td>
<td>Ch 6</td>
<td>Ch 6, Assign 3 Due Hand Out Assign 4</td>
</tr>
<tr>
<td>19 July 04</td>
<td>Ch 7</td>
<td>Ch 7, Assign 4 Due Hand Out Assign 5</td>
</tr>
<tr>
<td>26 July 04</td>
<td>Ch 8</td>
<td>Ch 8 Assign 5 Due Exam 2 – Covers Chs 5, 6, and 7</td>
</tr>
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<td>2 Aug 04</td>
<td>Ch 9, 10</td>
<td>Ch 9, 10 Hand Out Assign 6</td>
</tr>
<tr>
<td>9 Aug 04</td>
<td>Ch 13</td>
<td>Ch 13, Assign 6 Due Hand Out Assign 7</td>
</tr>
<tr>
<td>16 Aug 04</td>
<td>Ch 13/12</td>
<td>Assign 7 Due Exam 3 - Covers Chs 8, 9 &amp; 10, 12, 13</td>
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Grading: Vintage Videos: 10 Points Each (1 Vintage Video)
Homework: 10 Points Each (7 Homeworks)
Exams: 20 Points Each (3 Exams) Open Book, Open Notes, Computer On

Grading is on a straight 90 80 70 60 scale. Individual exams may be curved, as well as the final grades. But only if necessary. Weight of grades are:
- Exams 10% each (35% total) - (20 Points each * 3 * 0.583)
- Programming Assignments 60% - (10 Points each * 7 * 0.857)
- Vintage Video 5% - (10 Points * 1 Vintage Video * 0.5)

*Subject to Change