

**WORKSHEET 07D** – Classwork on week 4 day 1, & Homework due on week 4 day 2***Do your own work on this Picture Lab, NOT pair programming*****Deliverables:** paper and demo.**NOTE:** *The numbering here is same as that of the Guide*

A0	<b>Getting ready:</b> <ul style="list-style-type: none"> <li>Decide where you are going to store the source files and image files for this Lab.</li> <li>Create a folder called, say, <b>ProjLabPicture</b>.</li> <li>Download the following zip files: <ul style="list-style-type: none"> <li><b>classesZip</b></li> <li><b>imagesZip</b></li> </ul> </li> <li>Create a folder in <b>ProjLabPicture</b> called <b>classes</b>, and unzip <b>classesZip</b> into it.</li> <li>Create a folder in <b>ProjLabPicture</b> called <b>images</b>, and unzip <b>imagesZip</b> into it.</li> <li>What are the names of the <b>.java</b> files in the <b>classes</b> folder? <b>Cite in alphabetical order of these file names, on binder paper.</b></li> <li>What are the names of the <i>image files</i> in the <b>images</b> folder? <b>Cite in alphabetical order of these file names, on binder paper.</b> What is the extension of these files?</li> <li>To bring up this program in BlueJ (for later activities), simply double-click on the <b>package</b> file in the <b>classes</b> folder.</li> <li>Download/access the <b>Picture Lab Student Guide</b>:  <a href="http://media.collegeboard.com/digitalServices/pdf/ap/picture-lab-studentguide.pdf">http://media.collegeboard.com/digitalServices/pdf/ap/picture-lab-studentguide.pdf</a></li> <li>If you downloaded the <b>Picture Lab Student Guide</b>, you may want to keep it in <b>ProjLabPicture</b>, so everything about the Lab is in one place.</li> <li>Read <b>Picture Lab Student Guide</b>, p. 2: <ul style="list-style-type: none"> <li>Introduction</li> <li>Activities</li> </ul> </li> </ul>
A1	<b>Introduction to digital pictures and color:</b> <ul style="list-style-type: none"> <li>Read <b>Picture Lab Student Guide</b>, p. 3</li> <li><b>Answer the Questions 1-3 on p. 3, on binder paper</b></li> </ul>
A2	<b>Picking a color:</b> <ul style="list-style-type: none"> <li>Read <b>Picture Lab Student Guide</b>, pgs. 4-5.</li> <li><b>Answer the Questions 1-5 on pgs. 4-5, on binder paper</b>, writing down the RGB components of each color.</li> </ul>
A3	<b>Exploring a picture:</b> <ul style="list-style-type: none"> <li>Read <b>Picture Lab Student Guide</b>, pgs. 5-6.</li> <li><b>Answer Questions 1-7 on p. 5, on binder paper</b></li> <li><b>Do Exercises 1-2 on p. 6, and demo in class</b>, using your own image file, not the beach file.</li> </ul>
A4	<b>Two-dimensional arrays in Java:</b> <ul style="list-style-type: none"> <li>Read <b>Picture Lab Student Guide</b>, pgs. 7-9.</li> <li><b>Do Exercises 1-3 on p. 9, and demo in class</b></li> </ul>
	(cont. next page)

A5

Modifying a picture:

THE END