**Lab 6c: Investigating the properties of graphic file formats using IrfanView**

In this lab, you will use IrfanView to open graphics files and save them in a compressed graphics format different from the original format. You should note any changes in image quality after converting files to a different format. Download IrfanView from [*www.irfanview.com*](http://www.irfanview.com)and install it, and then follow these steps:

1. Start IrfanView. Click **File**, **Open** from the menu. In the Open dialog box, navigate to your work folder, and then double-click **SPIDER.bmp** to open the file.
2. Click **File**, **Save as** from the menu. Change the file type to **JPG** and save the file as **Spider.jpg** in the same location.
3. Save Spider.jpg as **Spider2.bmp** in the same location.
4. Open these three graphics files in new sessions of IrfanView and compare the files. Document any changes you notice.
5. Open **FLOWER.gif** from your lab folder and save it as **Flower.jpg** in the same location.
6. Save Flower.jpg as **Flower2.gif** in the same location.
7. Open these three graphics files in new sessions of IrfanView and document any changes you see when comparing the files.
8. Open **Cartoon.bmp** from your lab folder and save it as **Cartoon.gif** in the same location.
9. Save Cartoon.gif as **Cartoon2.bmp** in the same location.
10. Open these three graphics files in new sessions of IrfanView and document any changes you see when comparing the files.
11. Exit all instances of IrfanView. Summarize your conclusions in a brief report.