Informatics
CSCI 1110
Lab 05

- Contact your instructor with your questions about the assignments.
- The student must insure all the answers are free from any malware.
- The student must insure all answers are legal as defined by the class syllabus.
- All parts of your answers must be neat and easy to read.
- Paragraphs are at least four properly constructed English sentences.
- Embedding documents within documents does not work with the D2L Bright Space assignments.
- Plagiarism will not be tolerated.

Lab 05: Information Systems and System Development

5.1. Each part is worth four points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 5.1 before the due date found in the 1110a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.

5.1.1. Provide a list of at least five different programming languages. Identify the optimal use for each language and an authoritative URL supporting each optimal use. [6 points]

5.1.2. Provide the URL of at least five unique sites that teach how to create a program. [6 points]

5.1.3. Provide evidence of completing one full section of a programming language you do not know. [6 points]

5.1.4. Provide a complete sample of a programming language printing your name to the screen. [6 points]

5.1.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

5.2. Each part is worth six points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 5.2 before the due date found in the 1110a.pdf document.

5.2.1. Create a word processing document correctly formatted with at least five variables for a mail merge. Upload a copy of the word processing document in native format. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers. [6 points]

5.2.2. Create a spreadsheet or database with at least three different values for each of the variables in the mail merge. You must use all your assigned names from the names1.pdf file. [6 points]

5.2.3. Provide the results of performing the mail merge. Each section of variables must be on a separate page. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers. [6 points]

5.2.4. Explain how you could use mail merge. [6 points]

5.2.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

5.3. Each part is worth six points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 5.3 before the due date found in the 1110a.pdf document. The text must be readable by the instructor. Submit a Portable Document Format (PDF) or word processing file containing your answers.

5.3.1. Create a rule or script to processes a type of email with one actions. Show the complete format of the rule. [6 points]

5.3.2. Provide evidence the previous rule works correctly. [6 points]

5.3.3. Explain exactly what the entire rule does do. [6 points]

5.3.4. Explain how you could use email rules. [6 points]

5.3.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

5.4. Each part is worth five points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 5.4 before the due date found in the 1110a.pdf document.

5.4.1. Provide evidence of your documents backup to a local USB device. This may not be a backup from a previous lab. [6 points]

5.4.2. Provide detail written direction on how to perform the backup. [6 points]

5.4.3. Provide detail written directions on how to perform a restore. [6 points]

5.4.4. Provide a schedule for performing backups. [6 points]

5.4.5. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]