CS215 – Fundamentals of Programming II

Submission Instructions

1 Preparing assignments for submission

The electronic submission system compiles and runs your program on various test cases, capturing the output of your program (including user prompts). This output is then compared to the expected output as given in an assignment. If the output matches exactly, the system reports success. If it does not match exactly, the system reports failure.

In order for the output to match exactly, the following "rules" will be in effect regarding program output unless otherwise noted in the assignment..

- All prompts for user input will end with a non-space character, then a space. There must not be a newline output at the end of an input prompt.

- All lines of output will end with a non-space character, then a newline. This includes the last line of output from a program.

- All capitalization and spelling must match exactly.

Once you are confident that your program produces the correct results and output, assignments must be prepared for submission by ensuring that the `git` repository is *clean* and the entire directory has been packaged into an archive. In Linux, this is typically done with the **tar** command. To create a tar file:

```
tar cvf <tarfile> <directory to archive>
```

This command has to be executed from the directory which contains the project directory – usually your home directory. We typically give the file extension `.tar` to these files. If you want to see what's in a tar file you can use the command:

```
tar tf <tarfile>
```

You can also extract all the files (in a different directory) with the command:

```
tar xvf <tarfile>
```

Warning: Be very careful that you put the name of your tarfile first after cvf, otherwise you will overwrite the first file in your list.

Please note that the system requires that the directory and program files you submit are named in accordance with the assignment. Program files with other names will be ignored and will cause the system to report failure.

2 Turning in Assignments

Assignments will submitted on-line via the automated submission system at `http://submission.evansville.edu`. The latest submission will be graded, including commenting and formatting, so make sure you submit your final version before the deadline to earn full credit.

Assignments are uploaded to the submission system as follows:

1. In a web browser, go to `http://submission.evansville.edu`

2. Login into the system using your ACENET username. The initial password is your student ID (including the leading 0). You should change your password after logging in the first time.

3. Click on "Submit Solution" link for the appropriate assignment.

4. Browse to your archive for the assignment, click **Submit** button.

5. As noted above, the submission system will compile and run your program on various test cases and compare the output of your program with the expected output. It will report the result of the submission at the top of the page. In addition, the system will display any messages generated by the grading script. In particular, if the output of your program does not match the expected output, the system will report the differences between them.

6. To see your submission history as a later time, click on "See Submissions" link for the appropriate assignment.

There are 4 possible results of a submission. They are:

Result	Description
Did not extract	There was an error extracting the submitted zipfile. This usually means that something other than a zipfile was submitted. In particular, you will get this if you submit a plain main.c source file.
Time limit exceeded	The main.c source file compiled and was run, but did not complete execution within a time-limit. This is usually due to an infinite loop caused by a test case that was not handled. It could also mean the wrong `main.c` file was submitted, and the program has failed in an input loop or is waiting for more input that is not being provided.
Failure	Possible reasons for failure include: git repository not clean, the archive did not contain a source file with the correct name, the file was not in the correct directory in the archive, the archive contains the wrong source file, or the submitted source file file has syntax errors. Of course, the most likely reason for failure is that the program produced one or more incorrect results or the output formatting does not match exactly.
Success	The source file compiled successfully, all of the test cases produced the expected result, and the output formatting matches the expected formatting exactly.

You may submit your assignment multiple times. Only the last submission will be graded. The submission system will accept programming assignment submissions up to 3 days after the due date and time.