CS1 - HW - Std I/O Possible Points: 100

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Standard Input and Output

Write a Python program that prints various stages/gallows of the hangman game as shown here: [Hangman game](https://en.wikipedia.org/wiki/Hangman_%28game%29) (https://en.wikipedia.org/wiki/Hangman_%28game%29) using ASCII art. Do not worry about implementing the game logic just yet!

1. Complete HW0 if not completed yet.
    a. Setup a GitHub account and write your GitHub username and repository name in google doc file; see HW0 for details.
    b. Must clone your repository to work from once per computer!
        i. git clone <SSH URL link of your CS1-...>
2. Open your CS1-... repository folder in Visual Studio Code
3. Inside repo folder, create a folder called assignments
4. Inside assignments folder, create a folder called stdio
5. Inside stdio folder create a file called main.cpp
6. Add the main.cpp file to git and commit and push it (do the commit and push as often as possible after every major improvement/addition to your program)
    a. $ git status
    b. $ git add stdio/main.cpp
    c. $ git commit -m "created stdio project and file"
    d. $ git push
    e. $ git status
7. Write programmer information and briefly describe what the program is about at the top of the program as comments **(10 points)**
8. Prompt user/player to enter their name; store the name into a variable
9. Greet the player using their name (**20 points**)
10. Using variables and standard output, print all 7 (seven) stages of the game. The partial output of the program, e.g., should look like as shown below. The blue text is user input. **(60 points)**:
    a. Use string variables to store each level's gallows.
11. Update README.md file with the status and self grading as shown in this demo: https://github.com/rambasnet/csci000-astudent (**10 points**)

Program run example… blue text is user entered data

Hey there, what's your name?
John Smith
Hey, John Smith!
The hangman game is under construction, maybe you'll get to play it in a few weeks…
This is what various stages of the hangman game will look like…

Stage 0

```
        |___________
        |/        |
        |
        |
        |
        |
        |
    -------------
```

Stage 1

TODO: complete the rest of the stages with gallows printed for each stage **(60 points)** ...

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Submission:

1. Test your program and create screenshot(s) of the program being run and tested
2. Add all the relevant source file(s), screenshots, and documents into the project folder and do a final add, commit, and push before the due date.
    a. $ git status
    b. $ git add … - add each file that was new or modified that is part of this lab
    c. $ git commit -m "Final Submission"
    d. $ git push
3. Check and make sure the files are pushed to your GitHub repo
4. NOTE: Do not add and commit to this project folder after the due date as it may be considered late submission!