



*bash*

6. Use the command `echo` to write `hello` into the file `myfile.txt` (redirect). Make a directory called `Hello` and move the newly created file into that directory. (2 points)

*regex*

7. Which one of these strings match the following regex and which one doesn't (the whole word should match). (2 points)

`\w([abc])cs\1?`

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*Answer the following questions!*

8.

- a) What is the difference between the mass storage and RAM? (1 points)
- b) What is assembly? (1 points)
- c) What does it mean that a processor is 2GHz fast? (1 points)
- d) How many byte is one GiByte (gibibyte)? (1 points)

9. What is the content of the memory after issuing these commands on a RAM machine? The memory is initially filled with zeros and the leftmost cell is the 0<sup>th</sup> cell. (2 points)

- 1. LOAD= 3
- 2. STORE\* 0
- 3. SUB= 1
- 4. JGTZ 2
- 5. HALT