# Little DevOps

**1. Find the count of log statements in the attached(as access.log.zip) file "*access.log*" with successful response (status code 200).**

**2. Write a command to find the files which contain words DEBUG, ERROR, and INFO in any directory of the filesystem.**

**3. What would be the sed command to convert the string input "Ab1Cd2Ef3Gh4Ij5….." to "a-bc-de-fg-hi-j…."?**

**4. Write a script/program to return true if the opening and closing braces are complete, otherwise false.**
e.g:

   a.  *Input string:*
       *List { information {{about the FILEs (the current directory by default).  Sort entries alphabetically if} none of -cftuvSUX }nor --sort } is specified.*
       *Output: **True***

   b.  *Input string:*
       *Performs { the specified action on the files.  { Valid actions are view, cat (uses only "copious output" rules { and sends output to STDOUT) , compose, com-posetyped, edit and print.  If no action is specified, the action will be determined by how the program was called.}*
       *Output: **False***

**5. Write steps to create and publish a docker image to the docker repository.**
*e.g., Run tomcat image with a customized landing page, and should be accessible at: http://localhost:8080/*

**Bonus Question (Non Mandatory)**
**6. Given the following snippet of nginx server configuration:**
```
server {
        listen 80 default_server;
        root /var/www/html;
        server_name *.senpiper.com senpiper.com;
}
```

**Write a location block for requests "/api" that will include the proxied server: "http://localhost:8000/welcome/home".**

*Good luck! Remember to approach the problem in parts, and reach out to us in case of any queries.*