ATIVIDADE SOBRE LINGUAGEM BASH (TERMINAL)

Responda cada questão com o(s) comando(s) bash.

Obs.: as questões são independentes.

1. Crie um arquivo chamado exercicio1.txt na sua pasta atual e escreva a frase "Olá, mundo!" dentro desse arquivo usando um único comando.

   $ touch exercicio1.txt

2. Navegue até a pasta /tmp usando um comando Bash e liste todos os arquivos, incluindo os ocultos, com detalhes completos.

   mclar@AQUINO MINGW64 /tmp/aula

   $ cd ..

   $ ls -a

   ./   Samsung/
   ic_android_black_24dp.xml

   ../   SoftwareUpdate_Temp/
   jna-103720007/

   .opera/   StructuredQuery.log
   kotlin-daemon.2025-02-15.15-32-34-876.00.log

   .ses   VSLiveshareLogs/
   kotlin-daemon.2025-02-15.19-31-39-565.00.log

   03a49968-b5c0-4082-87a3-f9d364116f54.tmp
   WSLDVCPlugin/   kotlin-daemon.2025-02-15.19-31-39-565.01.log

   1afa45b8-e925-4cd8-b879-6ca8d4ced5d8.tmp   WinGet/
   kotlin-daemon.2025-02-15.19-31-39-565.02.log

   1b4b6d84-8fc2-46a4-a4c0-bf9913a5783b.tmp
   a8591e82-a64d-4d7a-8f24-0341f3f857d4.tmp
   kotlin-daemon.2025-02-16.08-54-25-468.00.log

   1b7e4673-4ef2-46ea-9080-d5db5b596e4f.tmp   adb.log
   kotlin-daemon.2025-02-16.20-01-35-713.00.log

   1bb8150d-1b2c-41d0-a889-6d29fa96ac9b.tmp
   adb6e4d3-65a0-4ac4-95ac-3c02e9f77a11.tmp   mat-debug-13164.log

   22828_1837700553/
   aeb57853-9b4c-4dcf-a1ca-7e485369abef.tmp   mat-debug-14852.log

29ccdca6-b95d-46e6-bbb0-ea8e3c4af6fe.tmp   aula/
mat-debug-16400.log

2e02af0b-f5a2-4931-9785-48ad85b97e16.tmp
ba849bd7-14eb-463e-bcae-051c3f69773a.tmp   mat-debug-19088.log

3ea76eb2-76f1-4bf4-8f94-c2ab7ff7605e.tmp
baseline_arrow_back_24.xml   mat-debug-24468.log

3fd1b2cc-cfab-4d73-a5ff-983a5938aa30.tmp
bc3902d8132f43e3ae086a009979fa88.db   mat-debug-25212.log

435ba7ee-8a98-4e6e-b5c7-7136aea6c7f5.tmp
bc3902d8132f43e3ae086a009979fa88.db.ses   mat-debug-29156.log

44b80d84-6147-44bf-bef6-811b028cfa3b.tmp
c951bfb4-12e0-4eba-85b2-d9a841910f0d.tmp   mat-debug-7084.log

450b1fdd-690c-4c9f-b6e0-8f3aaac8d5b8.tmp
cf58ffd3-4eae-4a7d-8eb8-371609b55445.tmp   msedge_installer.log

4befc711-7a4a-48c5-885d-0ece08eee987.tmp
chrome_BITS_19312_861225031/   mysql-workbench-3840/

4ebfef8e-a143-4e4f-a750-c971ed073fce.tmp
chrome_BITS_2344_1137380151/   mysql-workbench-5956/

5006d197-0f76-4e48-987b-3c37ba455ca4.tmp
chrome_BITS_2344_1573312815/
native-platform13950857458209448323dir/

572cc1ff-d251-4c84-bad7-c694a6bfef65.tmp
chrome_BITS_2344_178400741/   native-platform7032796881587445284dir/

5a9bee57-6eac-4f6e-a04d-64394c2899f9.tmp
chrome_BITS_2344_234659441/   native-platform7960876933129173553dir/

5ef76c69-c3a3-4ba4-a46a-cb7baf1e9ee0.tmp
chrome_BITS_2344_303938594/   native-platform8232898061169930521dir/

6065cae0-61be-4277-976a-2cbc67081291.tmp
chrome_BITS_2972_916080654/   net-export/

6ca8c1fc-319c-40b1-b58c-1e9eb352b23f.tmp
chrome_BITS_8756_83974434/   pyright-28172-x01YxXzlrj3T/

6d422e65-0fe3-415a-974a-8de15d794a46.tmp
chrome_drag7920_1191370716/   pyright-4220-G0nJk9zQAxqQ/

7693e9bf-f820-4435-98c6-fa2176465ed4.tmp
chrome_url_fetcher_17004_1412320013/   python-languageserver-cancellation/

77c00c41-b7bf-46b2-9dbc-f54ef309994a.tmp   cv_debug.log
remote-file-71752ccfe2464e99/

79a34a4b-62e6-4f6a-bc8d-c0ab7f0ec411.tmp
d012c9e5-dbc1-44b8-91f1-712917dab5c8.tmp   system-commandline-sentinel-files/

7a7dce82-aa0c-4a43-ac1d-3473f8c16e36.tmp
d2652658-88d0-410a-972c-918686191b36.tmp   vscode-typescript/

82851275-895a-479e-b217-32f08a6e81d3.tmp
d29b2851-45e6-4f9e-8a8d-a44c7bd9d4cf.tmp   wct13D5.tmp

87d96b2d-7bf3-498e-b545-0b3c974580f2.tmp
d61acc26-5ec6-4916-9ca7-506a831944a2.tmp   wct2C34.tmp

903dcba4-a555-4012-817e-0946b07a077c.tmp
drive_fs_trace   wct2FF7.tmp

91efce77-e626-4f26-a7e6-58d1b446108c.tmp
e13b526a-1913-494a-93cd-59fc9b69a8fa.tmp   wct3B1.tmp

95a4ba05-c147-45e8-867e-5d17e45a84d9.tmp
e42013e3-30ee-4122-8023-259a3e9f8d40.tmp   wct894B.tmp

96cc4c40-e357-4095-9953-009a9b631fd1.tmp
e4f437fa-8efc-442b-b523-51f8e71fd27a.tmp   wctB5E4.tmp

9aa99253-e846-4785-b1e1-335ee50616e7.tmp
e98470bf-3396-4690-bdfe-1aff4ba495e8.tmp   wctBD49.tmp

9c4e1317-e5dc-40dc-9cc0-26d361db1000.tmp
edge_BITS_11700_57730536/   wctDE4C.tmp

9fa6dbd8-3aed-436e-87bb-b78452734bc8.tmp
edge_BITS_22972_125144638/   wctE36.tmp

AQUINO-20250215-1637.log
edge_BITS_5536_121845124/   wmsetup.log

CFG85CE.tmp
f55cb34d-3fdd-4f88-9554-979aae2581c3.tmp
'{C9FBCCF1-78DB-412C-B623-3868A83820F9} - OProcSessId.dat'

CFG8A73.tmp
f7556c6a-e380-44d2-b999-2af2b1d921ad.tmp
'{E1624418-1633-4DFD-ABB0-96CE5F5BC0C9} - OProcSessId.dat'

CUsersmclarAppDataLocalProgramsOperaGXautoupdateopera_autoupdate.downloa
d.lock   fbe1b385-b973-4b44-8e8e-8c14e1a138e5.tmp
'{EEB79E82-E574-495F-BEA1-19017F4862F5} - OProcSessId.dat'

DiagOutputDir/
ff3faa3c-b646-47ba-9c49-0adf68e12c1e.tmp

Low/

3. Use o comando find para localizar todos os arquivos .log dentro da pasta /var/log e seus subdiretórios.

   find /var/log -type f -name ".log"*

4. Abra o editor de texto nano para criar um arquivo chamado notas.txt na pasta /tmp e escreva a frase "Minhas notas de Bash" dentro desse arquivo

   mclar@AQUINO MINGW64 /tmp

   $ nano notas.txt

   mclar@AQUINO MINGW64 /tmp

   $ cat notas.txt

   Minhas notas de Bash

5. Utilize o comando tail para visualizar as últimas 5 linhas de um arquivo chamado relatorio.txt que está na pasta atual.

   tail -n 5 relatorio.txt

6. Utilize o comando tail para visualizar as últimas 50 linhas de um arquivo chamado relatorio.txt que está na pasta atual.

   tall -n 50 relatorio.txt

7. Utilize os comandos tail e head para visualizar apenas a sétima linha de um arquivo chamado dados.csv

   head -n 7 dados.csv | tail -n 1

8. Use o comando grep para encontrar todas as linhas que contêm a palavra "erro" dentro do arquivo sistema.log na pasta /var/log.

   grep "erro" /var/log/sistema.log

9. Remova o diretório chamado backup que está localizado na sua pasta atual e todos os seus conteúdos, de forma recursiva

   rm -rf backup

10. Execute um script Python chamado analise.py, localizado na pasta hipotética /home/seu_usuario/scripts, usando o comando python3 e redirecione a saída para um arquivo chamado saida.txt na mesma pasta.

python3 /home/seu_usuario/scripts/analise.py > /home/seu_usuario/scripts/saida.txt