

Министерство науки и высшего образования Российской
Федерации

Федеральное государственное бюджетное образовательное
учреждение высшего образования

« Российский химико-технологический университет имени
Д.И. Менделеева »

ОТЧЕТ ПО ЛАБОРАТОРНОЙ РАБОТЕ №4

Выполнил студент группы КС-36: Золотухин А.А.

Ссылка на репозиторий: [https://github.com/
CorgiPuppy/
administration-of-information-systems-labs](https://github.com/CorgiPuppy/administration-of-information-systems-labs)

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Описание и выполнение задачи

Задание 1

```
#!/bin/bash

declare -i YEAR=2025
declare -i MONTH=3
declare -i FIRST_LINE=1
declare -i LAST_LINE=4

set -v
cal -m $MONTH $YEAR | awk -v first_line="$FIRST_LINE" -v last_line="$LAST_LINE" 'NR>=first_line && NR<=last_line'

scrot -c -d 2 'task1.png' -e 'mv $f ./assets/';
```

(Рис. 1)

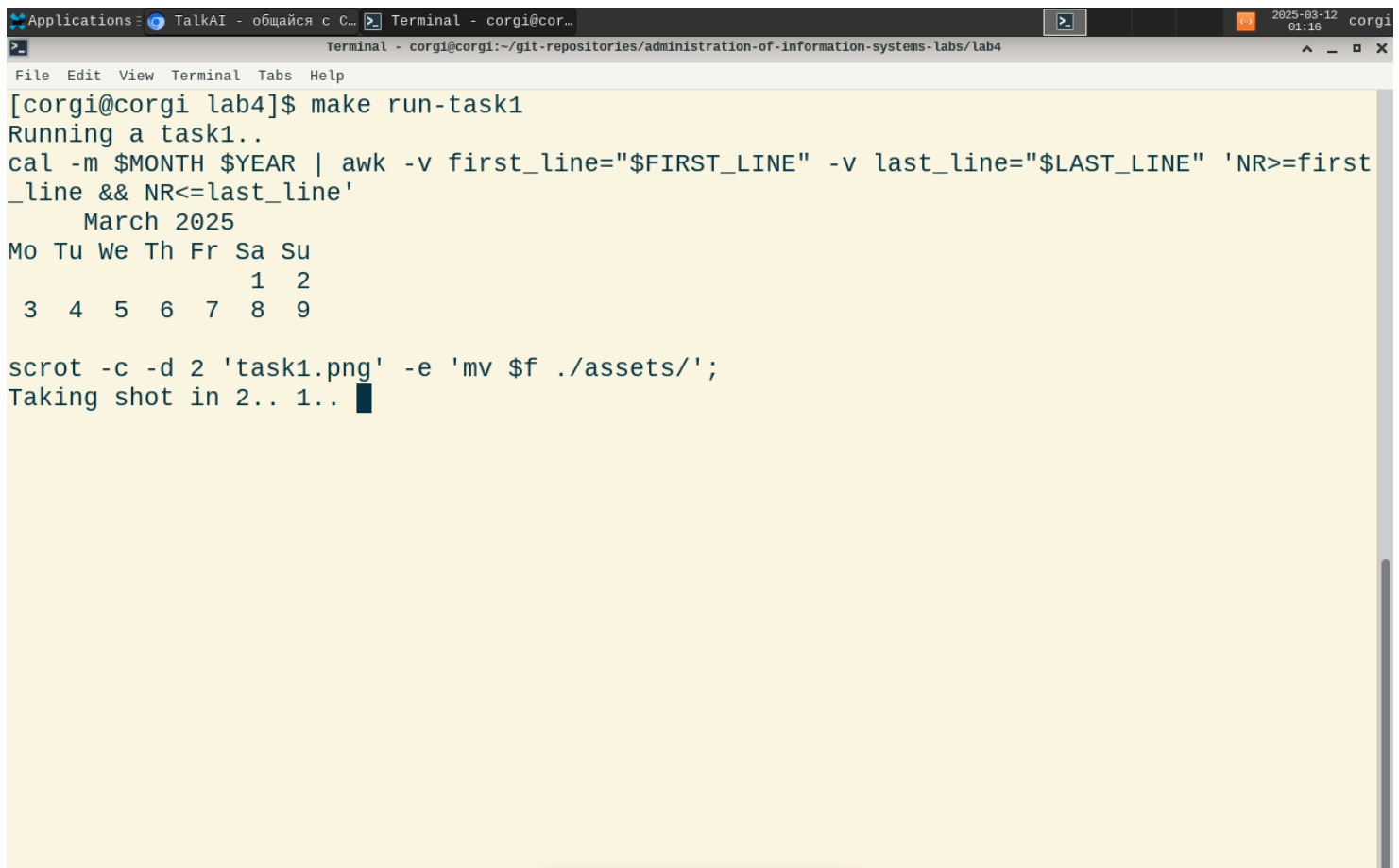


Рис. 1: Задание 1.

Задание 2

```
#!/bin bash

declare OUTPUT_DIR_NAME=outputs/task2
declare OUTPUT_FILE_NAME=output.csv
declare OUTPUT_FILE=$OUTPUT_DIR_NAME/$OUTPUT_FILE_NAME

set -v
pv $OUTPUT_FILE | find $HOME -type f -mmin -60 -ls | awk '{printf "%s,%s,%s,%s\n", $8, $9, $10,
```

```
$11}' > $OUTPUT_FILE

scrot -c -d 2 'task2.png' -e 'mv $f ./assets/';
```

(Рис. 2)

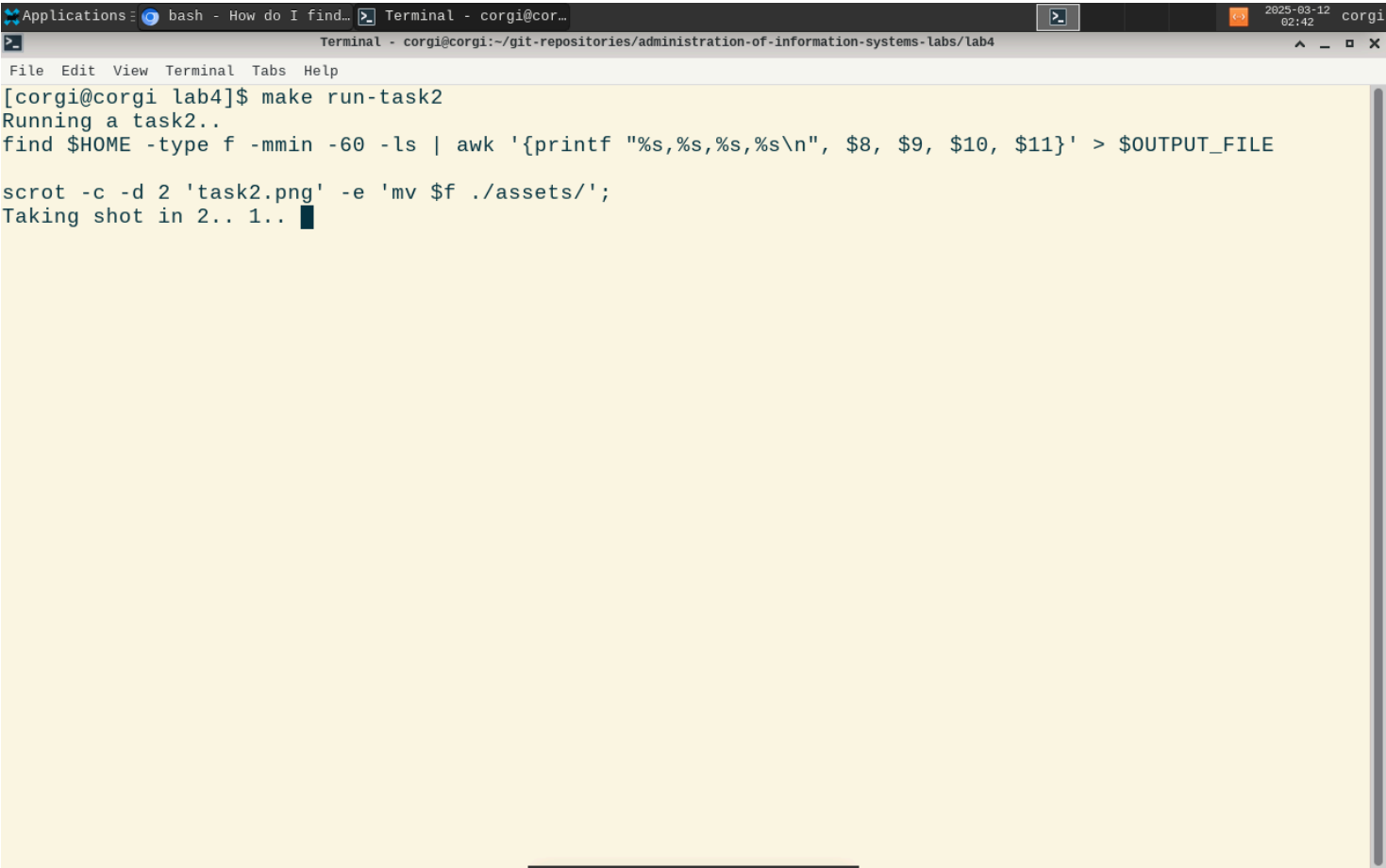


Рис. 2: Задание 2.

Mar	12	02:31	/home/corgi/.vim/.netrwhist
Mar	12	03:08	/home/corgi/.xsession-errors
Mar	12	03:01	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:48	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\

[illegible]

Mar	12	02:23	/home/corgi/.cache/chromium/Default/Code\
Mar	12	02:48	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/29ab45573cdcb004_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/916b328bccdd1f7a6_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/ee53f98e99e68d41_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/1fa3ad593f6eeacc_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/81671c72fca97db4_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c8d7616221bd391a_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/4fa5a6c332aa7816_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/ce2dd57ac217ddc4_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/4e7d89ccb928a2d8_0
Mar	12	03:06	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/index-dir/the-real-index
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/b1669acce8df8c81_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/6472655b95347b5d_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/6dedbb487b140d7b_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/911df975a1d18059_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/93d81321f8c35eab_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/87f2a7892dcbffe5_0
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Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/a7f3aa54f6884a69_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/b9794ef6dfc232fd_0
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Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c8c99db24b99a80c_0
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Mar	12	03:03	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/6ddcf9fab3720722_0

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Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/84f913e8a0d73a5c_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c55bf789c224e684_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/ffbe49a4cff494e6_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/0b8790bfdda8e967_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/32ce8cd7bb1dcf8a_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/fd3c5240bf6369a5_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/4f1853cdaed3d620_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/e536ff6f9b38ef84_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/ec29a75a1f46342a_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/29d9b2b8be049406_0

Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/8d5f3cf6be1b8eb4_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/742a308fcb99e8f4_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/0450bdfb32e36667_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/94d8ae340f4edf8b_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/7b86d5ad40d7d532_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/5b6ad234caa35bec_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/2aabfa1adc414521_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/6c5178a40703f7dc_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/0b62f3705ca7065e_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/81b8eb68e6cff4cd_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/e85ac8952d7783d7_0
Mar	12	02:25	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/30282d9a0fcb2291_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/bf28526e84a61df9_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/8eda2dffbf4f5e014_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/a9c840e4ea1b4bd8_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/cf65c5c103a12e8c_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/965b7f8a5c06bd4f_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/f1076f09e2042e15_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/a068b7980367616e_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/34041029ce18de15_0
Mar	12	02:43	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/4fe391139777a517_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/a807c6e52353bca1_0
Mar	12	02:55	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/35d784417b9a63f6_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/178f24351ff19404_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/918318f4920eb852_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/ce6ed7ee833cf9d1_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c5a20defb7fbc593_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c90a700ba1a45d5d_0
Mar	12	02:20	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/d0fe4df9524cefc_0
Mar	12	02:24	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/ba140d0bb8b0efdc_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/662e9de570216c8a_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/fd51b30a8af31883_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/53519f3e9302c750_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/8adb877f6e08205_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/b8415ef526565d36_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/2e3ffd4cea9325d0_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/a56852b18886beac_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/0cf8c58f1c6a2f18_0
Mar	12	03:03	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/06ce9c5d8e40681a_0
Mar	12	02:24	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/5bd76c48a7150637_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/92f81168755f2f13_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/46662a2e197b89b7_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/15145040f7f12f31_0

Mar	12	02:48	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/cd6208f660d85398_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c16bc4873be67c3e_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/e9a352c69e79344b_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/61400ff860f87b77_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/c30318ca8817df8c_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/83ad82e7e3951907_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/f58f87349b720995_0
Mar	12	03:00	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/af5d516cfefe4b85_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/48f2ed4855943f39_0
Mar	12	02:23	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/be07e7b828d7ab69_0
Mar	12	02:22	/home/corgi/.cache/chromium/Default/Cache/Cache_Data/6404156ba71428bb_0
Mar	12	03:08	/home/corgi/.cache/vim/swap/%home%corgi%git-repositories%administration-of-information-systems-labs%lab4%src%task2%main.sh.swp
Mar	12	02:10	/home/corgi/.local/share/zathura/bookmarks.sqlite
Mar	12	03:07	/home/corgi/.viminfo
Mar	12	02:31	/home/corgi/.lessht
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:03	/home/corgi/.config/chromium/Safe\
Mar	12	03:00	/home/corgi/.config/chromium/GraphiteDawnCache/index
Mar	12	03:07	/home/corgi/.config/chromium/GraphiteDawnCache/data_1
Mar	12	03:07	/home/corgi/.config/chromium/Crash\
Mar	12	03:02	/home/corgi/.config/chromium/segmentation_platform/ukm_db-wal
Mar	12	03:00	/home/corgi/.config/chromium/first_party_sets.db
Mar	12	03:01	/home/corgi/.config/chromium/CertificateRevocation/9608/manifest.fingerprint
Mar	12	03:01	/home/corgi/.config/chromium/CertificateRevocation/9608/manifest.json
Mar	12	03:01	/home/corgi/.config/chromium/CertificateRevocation/9608/LICENSE
Mar	12	03:01	/home/corgi/.config/chromium/CertificateRevocation/9608/_metadata/ verified_contents.json
Mar	12	03:01	/home/corgi/.config/chromium/CertificateRevocation/9608/crl-set
Mar	12	03:01	/home/corgi/.config/chromium/component_crx_cache/ jflookgnkckhobagIndicnbbgbonegd_1.63868a769fa0a0d9b29403d397874e07c21258dc176528df388e09c
Mar	12	03:01	/home/corgi/.config/chromium/component_crx_cache/ hfnkpimlhgieaddgfmjhofmfbImnib_1.f281499b97567554bfb5d8c6956d475cbb47260d8087ceab73e567
Mar	12	03:00	/home/corgi/.config/chromium/Last\
Mar	12	03:00	/home/corgi/.config/chromium/Variations

Mar	12	03:01	/home/corgi/.config/chromium/SafetyTips/3065/manifest.fingerprint
Mar	12	03:01	/home/corgi/.config/chromium/SafetyTips/3065/safety_tips.pb
Mar	12	03:01	/home/corgi/.config/chromium/SafetyTips/3065/manifest.json
Mar	12	03:01	/home/corgi/.config/chromium/SafetyTips/3065/_metadata/verified_contents.json
Mar	12	03:00	/home/corgi/.config/chromium/first_party_sets.db-journal
Mar	12	03:07	/home/corgi/.config/chromium/DeferredBrowserMetrics/ BrowserMetrics-67D0D05B-5154.pma
Mar	12	03:00	/home/corgi/.config/chromium/WidevineCdm/latest-component-updated-widevine-cdm
Mar	12	03:00	/home/corgi/.config/chromium/Default/Web\
Mar	12	02:24	/home/corgi/.config/chromium/Default/Favicons-journal
Mar	12	03:00	/home/corgi/.config/chromium/Default/Session\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Session\
Mar	12	03:00	/home/corgi/.config/chromium/Default/AutofillStrikeDatabase/LOG
Mar	12	03:08	/home/corgi/.config/chromium/Default/History-journal
Mar	12	03:00	/home/corgi/.config/chromium/Default/SCT\
Mar	12	03:04	/home/corgi/.config/chromium/Default/passkey_enclave_state
Mar	12	03:00	/home/corgi/.config/chromium/Default/Download\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Service\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Service\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Web\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Visited\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Shortcuts
Mar	12	03:00	/home/corgi/.config/chromium/Default/commerce_subscription_db/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/BrowsingTopicsState
Mar	12	03:00	/home/corgi/.config/chromium/Default/optimization_guide_hint_cache_store/LOG
Mar	12	03:03	/home/corgi/.config/chromium/Default/Reporting\
Mar	12	03:01	/home/corgi/.config/chromium/Default/Network\
Mar	12	03:08	/home/corgi/.config/chromium/Default/Cookies-journal
Mar	12	03:00	/home/corgi/.config/chromium/Default/TransportSecurity
Mar	12	03:00	/home/corgi/.config/chromium/Default/PersistentOriginTrials/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/GPUCache/data_0
Mar	12	03:00	/home/corgi/.config/chromium/Default/GPUCache/index
Mar	12	03:07	/home/corgi/.config/chromium/Default/GPUCache/data_1
Mar	12	03:02	/home/corgi/.config/chromium/Default/DIPS-shm
Mar	12	02:24	/home/corgi/.config/chromium/Default/Local\
Mar	12	02:24	/home/corgi/.config/chromium/Default/Local\
Mar	12	03:01	/home/corgi/.config/chromium/Default/Local\
Mar	12	03:08	/home/corgi/.config/chromium/Default/Local\
Mar	12	03:01	/home/corgi/.config/chromium/Default/Local\
Mar	12	03:01	/home/corgi/.config/chromium/Default/Local\
Mar	12	03:08	/home/corgi/.config/chromium/Default/Sessions/Session_13386211240577860
Mar	12	03:00	/home/corgi/.config/chromium/Default/Sessions/Tabs_13386200304061375
Mar	12	03:00	/home/corgi/.config/chromium/Default/Sessions/Session_13386208985694219

Mar	12	03:00	/home/corgi/.config/chromium/Default/Sessions/Tabs_13386211241740089
Mar	12	03:00	/home/corgi/.config/chromium/Default/discounts_db/LOG
Mar	12	03:07	/home/corgi/.config/chromium/Default/Network\
Mar	12	03:01	/home/corgi/.config/chromium/Default/Network\
Mar	12	03:03	/home/corgi/.config/chromium/Default/Reporting\
Mar	12	02:23	/home/corgi/.config/chromium/Default/WebStorage/4/CacheStorage/index.txt
Mar	12	02:23	/home/corgi/.config/chromium/Default/WebStorage/4/IndexedDB/indexeddb.leveldb/LOG
Mar	12	02:33	/home/corgi/.config/chromium/Default/WebStorage/4/IndexedDB/ indexeddb.leveldb/000004.log
Mar	12	03:01	/home/corgi/.config/chromium/Default/WebStorage/QuotaManager
Mar	12	03:01	/home/corgi/.config/chromium/Default/WebStorage/QuotaManager-journal
Mar	12	03:00	/home/corgi/.config/chromium/Default/File\
Mar	12	03:03	/home/corgi/.config/chromium/Default/DIPS-wal
Mar	12	02:24	/home/corgi/.config/chromium/Default/Favicons
Mar	12	02:23	/home/corgi/.config/chromium/Default/Shared\
Mar	12	02:23	/home/corgi/.config/chromium/Default/Shared\
Mar	12	03:00	/home/corgi/.config/chromium/Default/DawnWebGPUCache/index
Mar	12	03:07	/home/corgi/.config/chromium/Default/DawnWebGPUCache/data_1
Mar	12	03:08	/home/corgi/.config/chromium/Default/Preferences
Mar	12	03:00	/home/corgi/.config/chromium/Default/parcel_tracking_db/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/Sync\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Extension\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Segmentation\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Segmentation\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Segmentation\
Mar	12	03:00	/home/corgi/.config/chromium/Default/DIPS
Mar	12	03:00	/home/corgi/.config/chromium/Default/chrome_cart_db/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/trusted_vault.pb
Mar	12	03:00	/home/corgi/.config/chromium/Default/ClientCertificates/LOG
Mar	12	03:08	/home/corgi/.config/chromium/Default/Cookies
Mar	12	03:00	/home/corgi/.config/chromium/Default/Shortcuts-journal
Mar	12	03:00	/home/corgi/.config/chromium/Default/GCM\
Mar	12	03:08	/home/corgi/.config/chromium/Default/History
Mar	12	03:00	/home/corgi/.config/chromium/Default/Site\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Site\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Feature\
Mar	12	03:00	/home/corgi/.config/chromium/Default/Feature\
Mar	12	03:00	/home/corgi/.config/chromium/Default/shared_proto_db/metadata/000003.log
Mar	12	03:00	/home/corgi/.config/chromium/Default/shared_proto_db/metadata/LOG
Mar	12	03:08	/home/corgi/.config/chromium/Default/shared_proto_db/000003.log
Mar	12	03:00	/home/corgi/.config/chromium/Default/shared_proto_db/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/DawnGraphiteCache/index
Mar	12	03:07	/home/corgi/.config/chromium/Default/DawnGraphiteCache/data_1

Mar	12	03:00	/home/corgi/.config/chromium/Default/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/BudgetDatabase/LOG
Mar	12	03:00	/home/corgi/.config/chromium/Default/SharedStorage-wal
Mar	12	03:00	/home/corgi/.config/chromium/GrShaderCache/index
Mar	12	03:07	/home/corgi/.config/chromium/GrShaderCache/data_1
Mar	12	03:08	/home/corgi/.config/chromium/Local\
Mar	12	03:00	/home/corgi/.config/chromium/ShaderCache/index
Mar	12	03:07	/home/corgi/.config/chromium/ShaderCache/data_1
Mar	12	02:59	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/plots/pictures/ task3.png
Mar	12	02:59	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/plots/gnuplot- files/task3.p
Mar	12	02:42	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/assets/ task2.png
Mar	12	03:08	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/assets/ task3.png
Mar	12	03:08	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task3/ source_end.dat
Mar	12	03:08	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task3/ source_whole.dat
Mar	12	02:42	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task3/ source_begin.data
Mar	12	02:42	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task3/ source_whole.data
Mar	12	02:42	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task3/ source_end.data
Mar	12	03:08	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task3/ source_begin.dat
Mar	12	03:08	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/outputs/task2/ output.csv
Mar	12	02:42	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/report/ report.typ
Mar	12	02:51	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/Makefile
Mar	12	03:07	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/src/task3/ main.sh
Mar	12	03:08	/home/corgi/git-repositories/administration-of-information-systems-labs/lab4/src/task2/ main.sh

Задание 3

```
#!/bin/bash
```

```
declare TARGET_DIR=/usr/src/
declare OUTPUT_DIR_NAME=outputs/task3
declare OUTPUT_FILE_NAME_1=source_begin.dat
declare OUTPUT_FILE_NAME_2=source_whole.dat
declare OUTPUT_FILE_NAME_3=source_end.dat
declare OUTPUT_FILE_1=$OUTPUT_DIR_NAME/$OUTPUT_FILE_NAME_1
```

```

declare OUTPUT_FILE_2=$OUTPUT_DIR_NAME/$OUTPUT_FILE_NAME_2
declare OUTPUT_FILE_3=$OUTPUT_DIR_NAME/$OUTPUT_FILE_NAME_3
declare TEMP_FILE=file.txt

set -v
grep -R -a -E ^source $TARGET_DIR | awk '{counts[$1]++} END{for (c in counts) print c, counts[c]}' >
$TEMP_FILE
cat $TEMP_FILE | awk '{sum+=$2} END{print sum}' > $OUTPUT_FILE_1
rm $TEMP_FILE

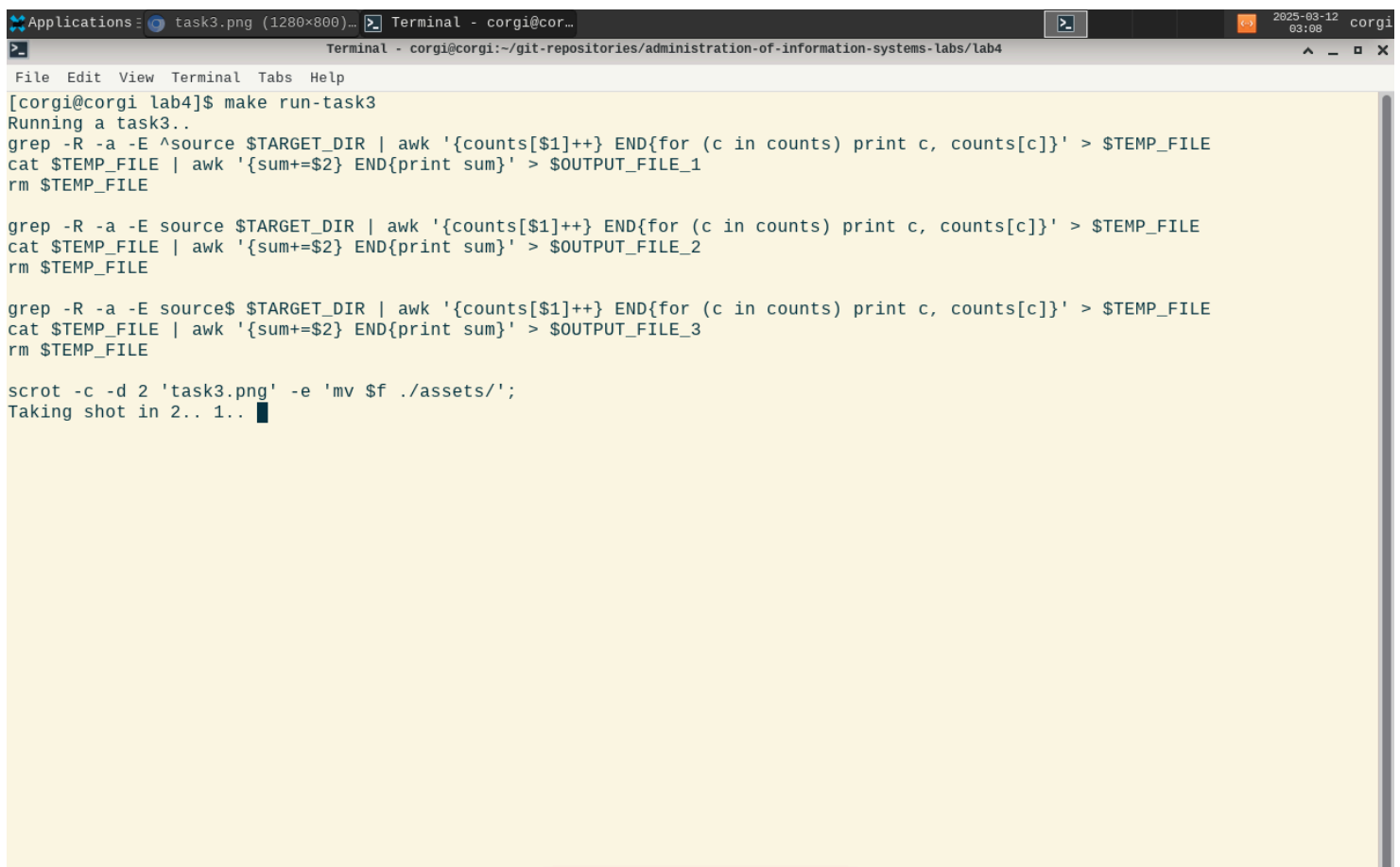
grep -R -a -E source $TARGET_DIR | awk '{counts[$1]++} END{for (c in counts) print c, counts[c]}' >
$TEMP_FILE
cat $TEMP_FILE | awk '{sum+=$2} END{print sum}' > $OUTPUT_FILE_2
rm $TEMP_FILE

grep -R -a -E source$ $TARGET_DIR | awk '{counts[$1]++} END{for (c in counts) print c, counts[c]}' >
$TEMP_FILE
cat $TEMP_FILE | awk '{sum+=$2} END{print sum}' > $OUTPUT_FILE_3
rm $TEMP_FILE

scrot -c -d 2 'task3.png' -e 'mv $f ./assets/';

```

(Рис. 3)



```

Applications: task3.png (1280x800)... Terminal - corgi@cor...
Terminal - corgi@corgi:~/git-repositories/administration-of-information-systems-labs/lab4
File Edit View Terminal Tabs Help
[corgi@corgi lab4]$ make run-task3
Running a task3..
grep -R -a -E ^source $TARGET_DIR | awk '{counts[$1]++} END{for (c in counts) print c, counts[c]}' > $TEMP_FILE
cat $TEMP_FILE | awk '{sum+=$2} END{print sum}' > $OUTPUT_FILE_1
rm $TEMP_FILE

grep -R -a -E source $TARGET_DIR | awk '{counts[$1]++} END{for (c in counts) print c, counts[c]}' > $TEMP_FILE
cat $TEMP_FILE | awk '{sum+=$2} END{print sum}' > $OUTPUT_FILE_2
rm $TEMP_FILE

grep -R -a -E source$ $TARGET_DIR | awk '{counts[$1]++} END{for (c in counts) print c, counts[c]}' > $TEMP_FILE
cat $TEMP_FILE | awk '{sum+=$2} END{print sum}' > $OUTPUT_FILE_3
rm $TEMP_FILE

scrot -c -d 2 'task3.png' -e 'mv $f ./assets/';
Taking shot in 2.. 1..

```

Рис. 3: Задание 3.

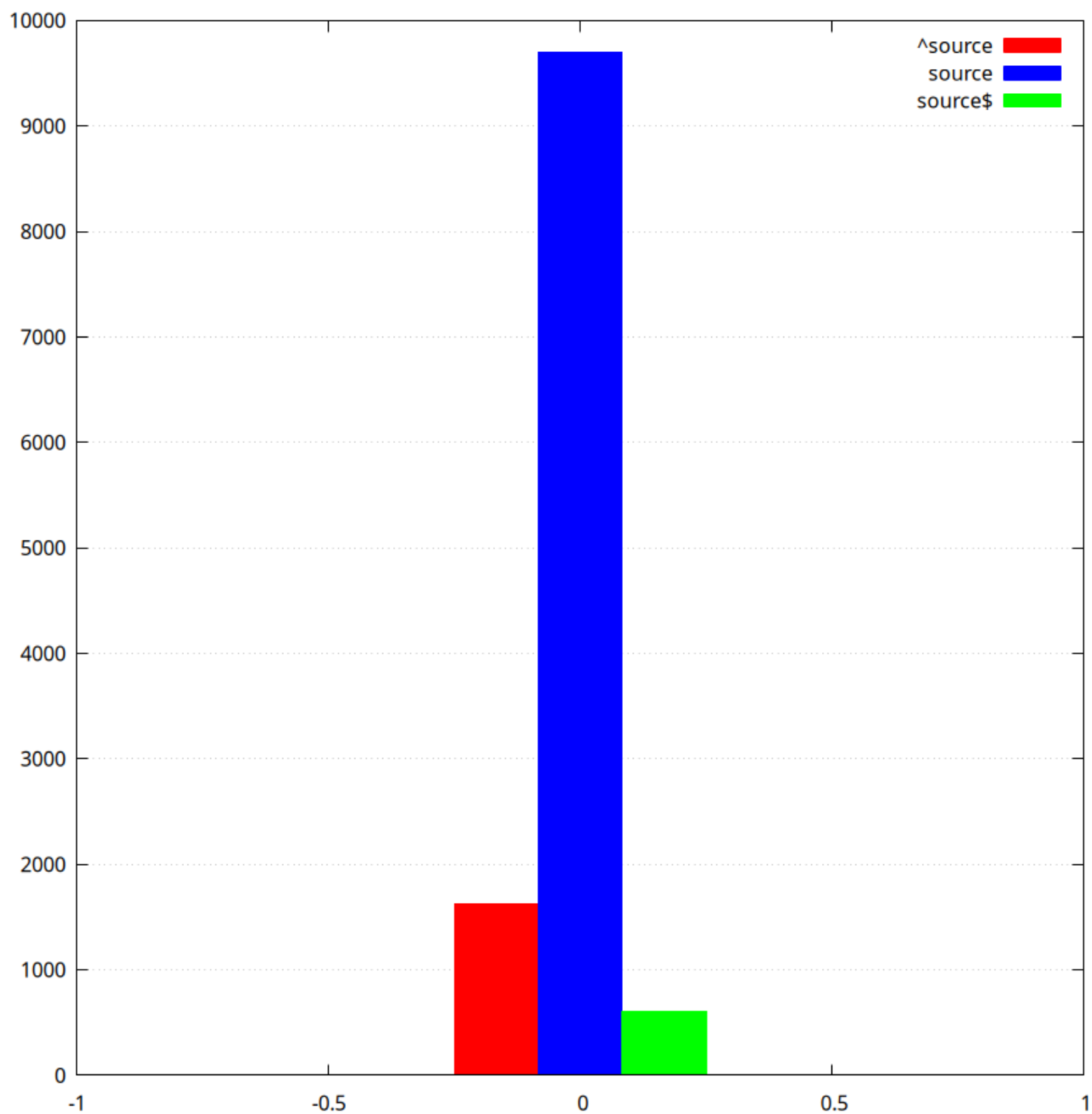


Рис. 4: Задание 3.