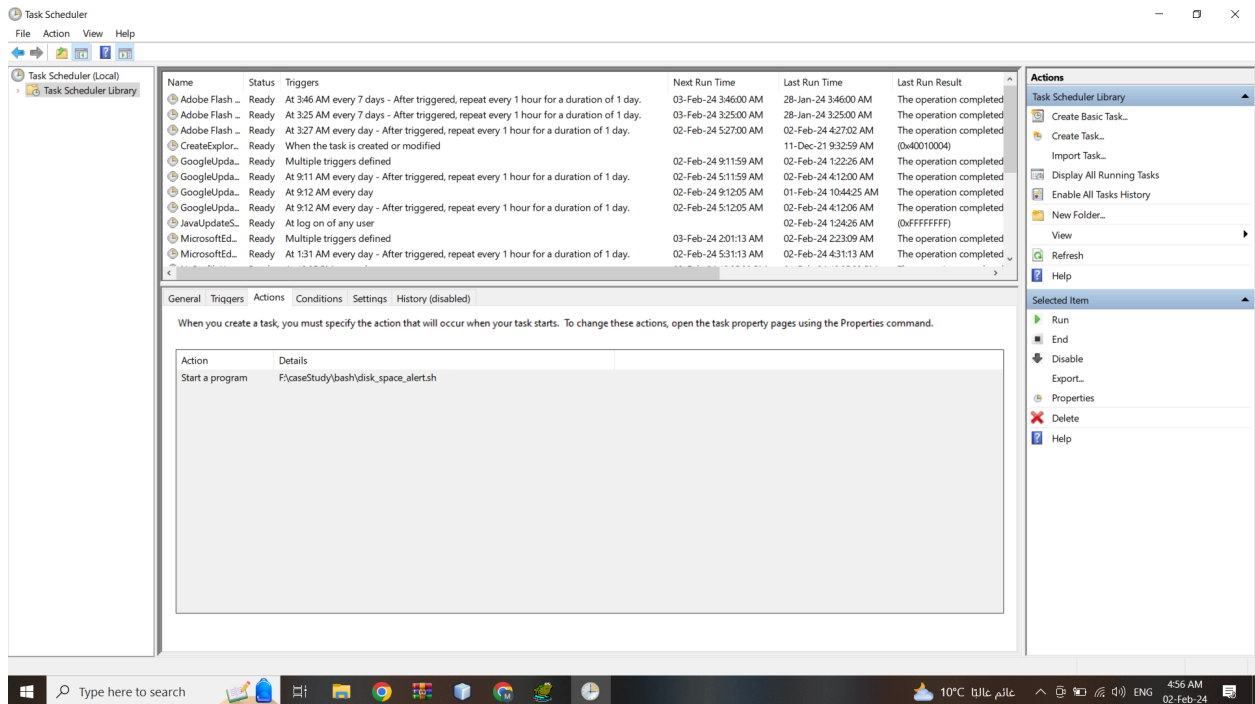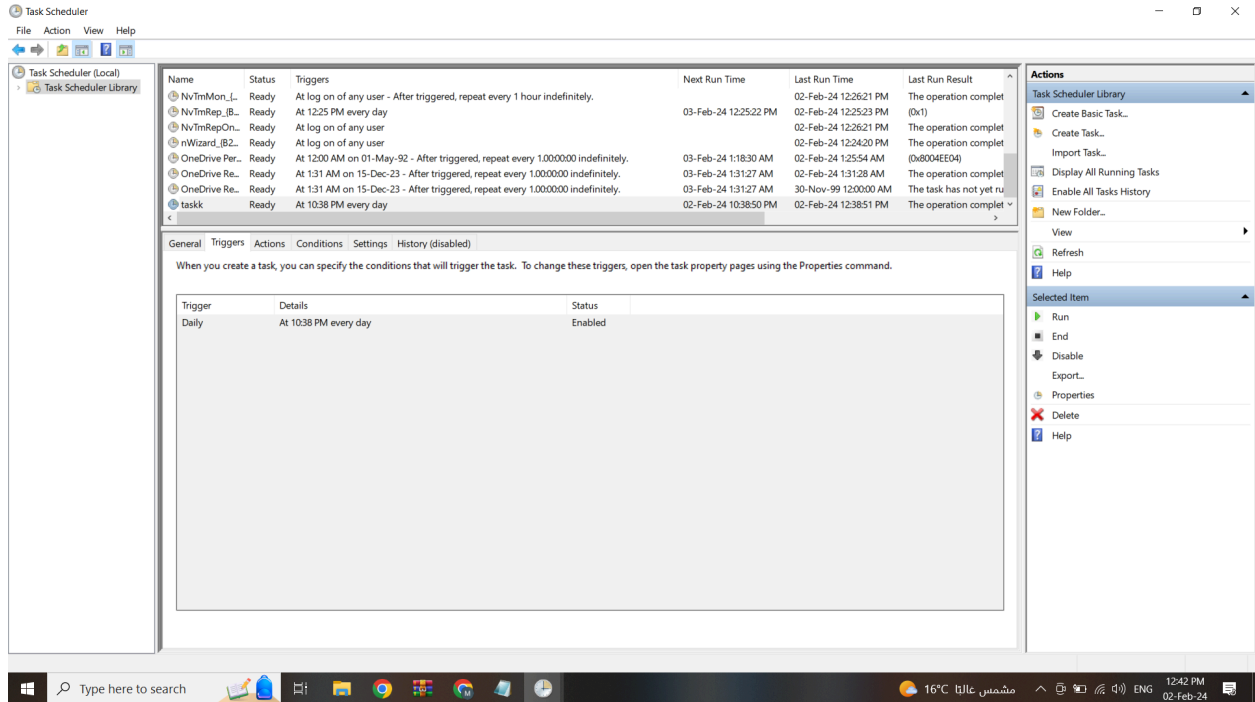# DISK ALERT

I created the script "disk_space_alert.sh" to print error message if the desk space passed 90%
In the file called "masg.txt"
Then used task scheduler to run this script everyday

Task Scheduler

File   Action   View   Help

Task Scheduler (Local)
- Task Scheduler Library

Task Scheduler Summary (Last refreshed: 02-Feb-24 12:31:59 PM)

Overview of Task Scheduler

You can use Task Scheduler to create and manage common tasks that your computer will carry out automatically at the times you specify. To begin, click a command in the Action menu.

Tasks are stored in folders in the Task Scheduler Library. To view or perform an operation on an individual task, select the task in the Task Scheduler Library and click on a command in the Action menu.

Task Status

Status of tasks that have started in the following time period: Last 24 hours

Summary: 0 total - 0 running, 0 succeeded, 0 stopped, 0 failed

Task Name	Run Result	Run Start	Run End	Triggered By

Active Tasks

Active tasks are tasks that are currently enabled and have not expired.

Summary: 139 total

Task Name	Next Run Time	Triggers	Location
taskk	02-Feb-24 12:38:50 PM	At 10:38 PM every day - ..	\
GoogleUpdateTaskMachineUA	02-Feb-24 1:11:59 PM	At 9:11 AM every day - Af...	\
GoogleUpdateTaskUserS-1-5-21-69...	02-Feb-24 1:12:05 PM	At 9:12 AM every day - Af...	\

Last refreshed at 02-Feb-24 12:31:59 PM

Refresh

Actions

Task Scheduler (Local)
- Connect to Another Computer...
- Create Basic Task...
- Create Task...
- Import Task...
- Display All Running Tasks
- Enable All Tasks History
- AT Service Account Configuration
- View
- Refresh
- Help

General   Triggers   **Actions**   Conditions   Settings   History (disabled)

When you create a task, you must specify the action that will occur when your task starts. To change these actions, open the task property pages using the Properties command.

Action	Details
Start a program	F:\caseStudy\bash\disk_space_alert.sh

****

```
masg.txt - Notepad                                    —     □     >

File  Edit  Format  View  Help
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
Warning: Disk space usage is above 90%.free some space.
```

****

DATABASE BACKUP

MINGW64:/f/caseStudy/bash

```
. . exported "SYSTEM"."DEF$_AQERROR"                        0 KB       0 rows
. . exported "SYSTEM"."DEF$_CALLDEST"                       0 KB       0 rows
. . exported "SYSTEM"."DEF$_DEFAULTDEST"                    0 KB       0 rows
. . exported "SYSTEM"."DEF$_DESTINATION"                    0 KB       0 rows
. . exported "SYSTEM"."DEF$_ERROR"                          0 KB       0 rows
. . exported "SYSTEM"."DEF$_LOB"                            0 KB       0 rows
. . exported "SYSTEM"."DEF$_ORIGIN"                         0 KB       0 rows
. . exported "SYSTEM"."DEF$_PROPAGATOR"                     0 KB       0 rows
. . exported "SYSTEM"."DEF$_PUSHED_TRANSACTIONS"            0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_AUDIT_COLUMN"                0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_COLUMN_GROUP"                0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_CONFLICT"                    0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_DDL"                         0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_EXCEPTIONS"                  0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_EXTENSION"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_FLAVORS"                     0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_FLAVOR_OBJECTS"              0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_GENERATED"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_GROUPED_COLUMN"              0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_INSTANTIATION_DDL"           0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_KEY_COLUMNS"                 0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_OBJECT_PARMS"                0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_PARAMETER_COLUMN"            0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_PRIORITY"                    0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_PRIORITY_GROUP"              0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REFRESH_TEMPLATES"           0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPCAT"                      0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPCATLOG"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPCOLUMN"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPGROUP_PRIVS"              0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPOBJECT"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPPROP"                     0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_REPSCHEMA"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_RESOLUTION"                  0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_RESOLUTION_STATISTICS"       0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_RESOL_STATS_CONTROL"         0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_RUNTIME_PARMS"               0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_SITES_NEW"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_SITE_OBJECTS"                0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_SNAPGROUP"                   0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_TEMPLATE_OBJECTS"            0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_TEMPLATE_PARMS"              0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_TEMPLATE_REFGROUPS"          0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_TEMPLATE_SITES"             0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_TEMPLATE_TARGETS"            0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_USER_AUTHORIZATIONS"         0 KB       0 rows
. . exported "SYSTEM"."REPCAT$_USER_PARM_VALUES"            0 KB       0 rows
. . exported "SYSTEM"."SQLPLUS_PRODUCT_PROFILE"             0 KB       0 rows
Master table "CASE"."SYS_EXPORT_FULL_01" successfully loaded/unloaded
******************************************************************************
Dump file set for CASE.SYS_EXPORT_FULL_01 is:
  F:\1233\APP\ORACLE\ADMIN\XE\DPDUMP\BACKUP_02-02-2024_1326.DMP
Job "CASE"."SYS_EXPORT_FULL_01" successfully completed at 13:28:12

Database backup successful. File: backup_02-02-2024_1326.dmp

hp@DESKTOP-94ASL8V MINGW64 /f/caseStudy/bash
$ |
```

```
Error: Database backup failed.

hp@DESKTOP-94ASL8V MINGW64 /f/caseStudy/bash
$ ./backupCase.sh

Export: Release 11.2.0.2.0 - Production on Fri Feb 2 13:26:10 2024

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Connected to: Oracle Database 11g Express Edition Release 11.2.0.2.0 - Production
Starting "CASE"."SYS_EXPORT_FULL_01":  CASE/********@XE DIRECTORY=DATA_PUMP_DIR DUMPFILE=backup_02-02-2024_1326.dmp FULL=Y
Estimate in progress using BLOCKS method...
Processing object type DATABASE_EXPORT/SCHEMA/TABLE/TABLE_DATA
Total estimation using BLOCKS method: 161.8 MB
Processing object type DATABASE_EXPORT/TABLESPACE
Processing object type DATABASE_EXPORT/PROFILE
Processing object type DATABASE_EXPORT/SYS_USER/USER
Processing object type DATABASE_EXPORT/SCHEMA/USER
Processing object type DATABASE_EXPORT/ROLE
Processing object type DATABASE_EXPORT/GRANT/SYSTEM_GRANT/PROC_SYSTEM_GRANT
Processing object type DATABASE_EXPORT/SCHEMA/GRANT/SYSTEM_GRANT
Processing object type DATABASE_EXPORT/SCHEMA/ROLE_GRANT
Processing object type DATABASE_EXPORT/SCHEMA/DEFAULT_ROLE
Processing object type DATABASE_EXPORT/SCHEMA/TABLESPACE_QUOTA
Processing object type DATABASE_EXPORT/RESOURCE_COST
Processing object type DATABASE_EXPORT/SCHEMA/DB_LINK
Processing object type DATABASE_EXPORT/TRUSTED_DB_LINK
Processing object type DATABASE_EXPORT/SCHEMA/SEQUENCE/SEQUENCE
Processing object type DATABASE_EXPORT/SCHEMA/SEQUENCE/GRANT/OWNER_GRANT/OBJECT_GRANT
Processing object type DATABASE_EXPORT/DIRECTORY/DIRECTORY
Processing object type DATABASE_EXPORT/DIRECTORY/GRANT/OWNER_GRANT/OBJECT_GRANT
Processing object type DATABASE_EXPORT/CONTEXT
```

| Organize | New | Open | Select |

This PC > New Volume (F:) > 1233 > app > oracle > admin > XE > dpdump

Name	Date modified	Type	Size
BACKUP_02-02-2024_1326.DMP	02-Feb-24 1:28 PM	Memory Dump File	149,784 KB
dp.log	16-Dec-23 1:16 AM	Text Document	1 KB
export.log	02-Feb-24 1:28 PM	Text Document	45 KB