TASK 6

Task: Develop a practical guide detailing the use of the "du -h" command to check disk space utilization. Provide examples for various directories and files, and explain the significance of the command's options and output.

du -h is used to estimate the space used by a directory or file. -h means human readable.

```
venis@venis-VirtualBox:~$ du -h
4.0K    ./DevOps_Backup/Task2
40K     ./DevOps_Backup
12K     ./.gnupg
4.0K    ./Public
72K     ./snap/snapd-desktop-integration/common/.cache/immodules
40K     ./snap/snapd-desktop-integration/common/.cache/fontconfig
28K     ./snap/snapd-desktop-integration/common/.cache/gio-modules
148K    ./snap/snapd-desktop-integration/common/.cache
152K    ./snap/snapd-desktop-integration/common
4.0K    ./snap/snapd-desktop-integration/83/Public
4.0K    ./snap/snapd-desktop-integration/83/Templates
4.0K    ./snap/snapd-desktop-integration/83/Pictures
4.0K    ./snap/snapd-desktop-integration/83/Videos
4.0K    ./snap/snapd-desktop-integration/83/.config/dconf
8.0K    ./snap/snapd-desktop-integration/83/.config/fontconfig
4.0K    ./snap/snapd-desktop-integration/83/.config/gtk-2.0
4.0K    ./snap/snapd-desktop-integration/83/.config/gtk-3.0
4.0K    ./snap/snapd-desktop-integration/83/.config/ibus
44K     ./snap/snapd-desktop-integration/83/.config
4.0K    ./snap/snapd-desktop-integration/83/Downloads
4.0K    ./snap/snapd-desktop-integration/83/Documents
4.0K    ./snap/snapd-desktop-integration/83/Desktop
4.0K    ./snap/snapd-desktop-integration/83/Music
4.0K    ./snap/snapd-desktop-integration/83/.local/share/glib-2.0/schemas
8.0K    ./snap/snapd-desktop-integration/83/.local/share/glib-2.0
4.0K    ./snap/snapd-desktop-integration/83/.local/share/icons
16K     ./snap/snapd-desktop-integration/83/.local/share
20K     ./snap/snapd-desktop-integration/83/.local
104K    ./snap/snapd-desktop-integration/83
260K    ./snap/snapd-desktop-integration
4.0K    ./snap/tree/18
8.0K    ./snap/tree/common/.local/lib/locale/en_IN.UTF-8/LC_MESSAGES
1.6M    ./snap/tree/common/.local/lib/locale/en_IN.UTF-8
1.6M    ./snap/tree/common/.local/lib/locale
1.6M    ./snap/tree/common/.local/lib
1.6M    ./snap/tree/common/.local
1.6M    ./snap/tree/common
```

- First column shows the disk space
- Second column shows the path of the directory.

   `du -h /path` is used to disk space utilization of a particular directory.

e.g. `du -h /Deskop`

```
venis@venis-VirtualBox:~$ du -h Desktop
4.0K    Desktop
```

Options:

- The -h flag makes the output human-readable.
- Use -s for a summarized total and -c for a grand total