Question 7

Write a shell script that searches the file contents in a directory and its sub-directories for a text string given by the user. It lists all such file names having that given string and store in a temp file "example_dir".

Shell script to search the file contents

```
#! /bin/bash
read -p "Enter text string :" user_string

grep -Ril $user_string '/path/to/somewhere' > example_dir.txt
```

In the above shell script of linux, first we ask the user to enter a text string to search. The text string entered by the user is stored in the variable "user_string".

Then using grep command, we searched the match any files having the text in them and display the name of files on the screen. Simultaneously, we copy the file names in example_dir file.