Lab #8

Create a Bash Script that will do the following:

1. Prompt the user a message: “Enter a file name: “
2. Save their input to a variable called “filename”
3. Prompt the user a message: “Enter a search string: “
4. Save their input to a variable called “keyword”
5. Using grep, search the filename with the specific keyword the user provided
6. If grep can find the result print on the screen: “Searching for <keyword> in <location>” and print the results. If grep was not able to find those results in the filename, let the user know “Error! I could not find <keyword> in <location> “
7. If grep was able to find those results, give them an exit code 15 if grep was not able to find their results give them an exit code 20.

Submission:

1. Screenshot of your code:

#!/bin/bash

echo "----------------------------------------------------------------"

read -p "Enter a file name: " filename

read -p "Enter a search string: " keyword

result=$(grep "$keyword" "$filename")

if [ -n "$result" ]

then

echo "Searching for \"$keyword\" in \"$filename\""

echo "$result"

echo "----------------------------------------------------------------"

exit 15

else

echo "Error! I could not find \"$keyword\" in \"$filename\""

echo "----------------------------------------------------------------"

exit 20

fi

1. Screenshot of you executing and running through the script with examples:

A screenshot of a computer program

Description automatically generated