### ****Write a Shell Script to copy the contents of one file to another file.****

### ****Aim:****

To write a shell script that copies the contents of one file to another using the cp command in Linux.

### ****Algorithm:****

Step 1: Start the script.

Step 2: Check if two arguments (source file and destination file) are provided.

Step 3: Verify if the source file exists.

Step 4: Use the cp command to copy the file.

Step 5: Display a success message if the copy operation is successful.

Step 6: If the copy fails, display an appropriate error message.

Step 7: End the script.

Source Code:

#!/bin/bash

# Check if two arguments are passed

if [ $# -ne 2 ]; then

echo "Usage: $0 source\_file destination\_file"

exit 1

fi

# Assign variables

source\_file=$1

destination\_file=$2

# Check if the source file exists

if [ ! -f "$source\_file" ]; then

echo "Error: Source file '$source\_file' does not exist."

exit 1

fi

# Copy the file

cp "$source\_file" "$destination\_file"

# Check if copy operation was successful

if [ $? -eq 0 ]; then

echo "File copied successfully from '$source\_file' to '$destination\_file'."

else

echo "Error: Failed to copy the file."

fi