# Solution M7 (@vasilmg)

*Please fill in your* ***SoftUni username*** *above. Name the file* ***M7-Solution****, prepare a compressed archive, and upload it to the* ***SoftUni*** *site*

### Solution Details

**CHECK:** *Paste the solution check link here*

Include the commands you used for every step. Also include the output if you like (either as pictures or as text)

1.$ vi user-data.sh

#!/bin/bash

#

# Ask the user for first name

read -p 'Enter your first name: ' USR\_FIRST\_NAME

# Ask the user for last name

read -p 'Enter your last name: ' USR\_LAST\_NAME

# Ask the user for place of birth

read -p 'Enter your place of birth: ' USR\_PLACE\_OF\_BIRTH

# Append the collected data to a file /tmp/user-data.dat

echo "$USR\_FIRST\_NAME;$USR\_LAST\_NAME;$USR\_PLACE\_OF\_BIRTH" >> /tmp/user-data.dat

$ chmod +x user-data.sh

2.$ ./user-data.sh (2 more times)

3.$ vi show-data.sh

#!/bin/bash

# Check if the script is executed with the correct number of parameters

if [ $# -ne 1 ]; then

echo "Incorrect usage. Please provide the filename as a parameter."

echo "Usage: ./show-data.sh <filename>"

exit 1

fi

filename=$1

# Read the file line by line using a for loop

line\_number=1

while IFS= read -r line; do

echo "Row #$line\_number: $line"

line\_number=$((line\_number+1))

done < "$filename"

$ ./show-data.sh /tmp/user-data.dat

4.$ vi archiver.sh

#!/bin/bash

# Check if the script is executed with the correct number of parameters

if [ $# -ne 2 ]; then

echo "Incorrect usage. Please provide two parameters."

echo "Usage: ./archiver.sh <folder\_to\_archive> <archive\_name>"

exit 1

fi

folder\_to\_archive=$1

archive\_name=$2

# Check if the folder exists

if [ ! -d "$folder\_to\_archive" ]; then

echo "Folder $folder\_to\_archive does not exist."

exit 1

fi

# Check if the archive file already exists

if [ -e "$archive\_name" ]; then

echo "Archive file $archive\_name already exists."

exit 1

fi

# Create the tar+gz archive

tar czf "$archive\_name" "$folder\_to\_archive"

echo "Archive created successfully!"

$ chmod +x archiver.sh

$ ./archiver.sh

