Assignment 4: Write a script that creates a directory named TestDir and inside it, creates ten files named File1.txt, File2.txt, ... File10.txt. Each file should contain its filename as its content (e.g., File1.txt contains "File1.txt").

# create a directory name TestDir

mkdir -p TestDir

# changing directory

cd TestDir

# loop to create 10 files

for i in {1..10}; do

> filename="File$i.txt"

> echo "$filename" > "$filename"

> done

echo "Files created successfully in directory TestDir"

Files created successfully in directory TestDir

ls

File1.txt File10.txt File2.txt File3.txt File4.txt File5.txt File6.txt File7.txt File8.txt File9.txt

cat File1.txt

File1.txt