

29 duplicate directories

```
#!/bin/bash
```

```
# Check if three directories are provided
```

```
if [ "$#" -ne 3 ]; then
```

```
    echo "Usage: $0 <source_dir1> <source_dir2> <destination_dir>"
```

```
    exit 1
```

```
fi
```

```
# Assigning command-line arguments to variables
```

```
DIR1="$1"
```

```
DIR2="$2"
```

```
DEST_DIR="$3"
```

```
# Check if provided directories exist
```

```
if [ ! -d "$DIR1" ] || [ ! -d "$DIR2" ] || [ ! -d "$DEST_DIR" ]; then
```

```
    echo "Error: One or more directories do not exist."
```

```
    exit 1
```

```
fi
```

```
# Find duplicate files by name in both directories
```

```
for FILE in "$DIR1"/*; do
```

```
    FILENAME=$(basename "$FILE")
```

```
# Check if the file also exists in the second directory
```

```
if [ -e "$DIR2/$FILENAME" ]; then
```

```
    echo "Duplicate found: $FILENAME"
```

```
# Copy the file to the destination directory
```

```
cp "$FILE" "$DEST_DIR/"
```

```
# Remove the original files
```

```
rm -v "$FILE" "$DIR2/$FILENAME"
```

```
fi
```

```
done
```

```
echo "Duplicate files copied to '$DEST_DIR' and removed from '$DIR1' and '$DIR2'."
```