

```
1  #!/bin/bash
2
3  #INIT Variables
4  FILENAME=5_flippers
5  bad_count=0
6  good_count=0
7  TOTAL=200
8  rm -rf ./bad_run/*.txt
9
10 #Loop
11 for i in $(seq 1 $TOTAL); do
12  ./FILENAME> output.txt
13  file1_good="./good_output.txt"
14  file2_output="./output.txt"
15
16  if cmp -s "$file1_good" "$file2_output"; then
17      #printf "The output is good!\n"
18      let good_count=good_count+1
19  else
20      #printf "The output is bad***\n"
21      let bad_count=bad_count+1
22      cp -rf $file2_output ./bad_run/output_bad_$i.txt
23      diff $file1_good $file2_output > ./bad_run/output_bad_diff_$i.txt
24  fi
25
26 done
27
28 #Results
29
30 printf "\n\n***Verify the File Name***\n\n"
31 printf "The file is: $FILENAME.\n"
32 printf "The good count is: $good_count.\n"
33 printf "The bad count is: $bad_count.\n"
34 printf "\n\n"
35
36
```