

```

1 import glob, sys, subprocess
2
3 _, src, test, t = sys.argv
4
5 ig = glob.glob(f'test/{test}/*.in')
6 og = glob.glob(f'test/{test}/*.ans')
7
8 print(test, len(ig), 'tests')
9
10 for ifn, ofn in zip(ig, og):
11     with open(ifn) as fi, open(ofn) as fx:
12         try:
13             o = subprocess.check_output(['python', src],
14                                         stdin=fi, stderr=subprocess.STDOUT,
15                                         timeout=float(t))
16         except subprocess.CalledProcessError as e:
17             o = e.output
18         except subprocess.TimeoutExpired:
19             o = b'TIMED OUT'
20
21     o = o.decode('utf-8').strip().replace('\r\n', '\n')
22     x = fx.read().strip().replace('\r\n', '\n')
23
24     if o != x:
25         print(ifn, 'expected:', x, 'got:', o, '=' * 50, sep='\n')
26
27 # run this with arguments:
28 # <script>.py <testdir> <timelimit>
29 # <testdir> should be populated with <name>.in <name>.out
30 # file pairs, as can be downloaded from kattis
31 # <testdir> should be in the test/ directory, eg test/haiku
32

```