Contents

1 Basic Test Results

```
Starting tests...
Mon Oct 21 09:59:27 IDT 2013
aa6449b29ec24e0ad5406e519d161a13a03d2043  -


ex1.py
README

Testing README...
Done testing README...

Testing ex1.py...
result_code    Einstein    900    1
Done testing ex1.py

Grading summary
---------------
******
Number of failed tests: 0
Total number of tests : 900
Penalty: 0.0
******
Expected automatic grade: 100.0
******
Submission passed!
Tests completed
```

2 aaa expected autograde

```
Grading summary
---------------
******
Number of failed tests: 0
Total number of tests : 900
Penalty: 0.0
******
Expected automatic grade: 100.0
******
Submission passed!
```

3 aaa hint result.png

4 README

```
USER: borgr
ID: 305385338
NAME: Leshem Lhoshen

==================
    Containing
==================
ex1.py
```

5 ex1.py

```
1  ################################################################
2  # FILE : ex1.py
3  # WRITER : Leshem Choshen + borgr + 305385338
4  # EXERCISE : intro2cs ex1 200132014
5  # DESCRIPTION:
6  # This program asks for a 3 digit
7  # number and shows the Einstein's
8  # riddle with it.
9  ################################################################
10
11 print("Welcome to the Einstein puzzle")
12 num = (int)(input("Please enter a three digit number:"))
13 #Reverse the input:
14 reverse_num = (num%10)*(100-1) + num%100
15 reverse_num = reverse_num+num//100
16 print("For the number:", num, "the reverse number is:", reverse_num)
17 difference = abs(num-reverse_num)
18 print("The difference between", num, "and", reverse_num
19       , "is", difference)
20 reverse_dif = (difference%10)*(100-1) + difference%100
21 reverse_dif = reverse_dif+difference//100
22 print("The reverse difference is:", reverse_dif)
23 print("The sum of:", difference, "and", reverse_dif, "is:",  difference+reverse_dif)
```