

CSCI 127, Second Practicum – November 1, 2023

*For Question 2, submit your solution in a file named
YourFirstName-YourLastName-Practicum2.py
to the CSCI 127 Practicum 2 Dropbox no later than 9:50 a.m.*

Question One. 45 points. Dictionaries. In the “Quizzes” section of the BrightSpace offering of CSCI 127, take the quiz entitled “Practicum 2 Online Portion”.

Question Two. 55 points. Object Oriented Programming. Define a `Hundred_Number` to be a number that can take any integer value between 0 and 99. If two `Hundred_Numbers` are added and the result is a number greater than 99 (e.g. 137), only the digits in the 10s and 1s positions (e.g. 37) should be kept. Supply the missing class so that when this code is run:

```
import random
```

```
# The missing class goes here. Do not change any of the supplied code.
```

```
def main():
```

```
    number_1 = Hundred_Number(random.randint(0,100))
```

```
    print(number_1)
```

```
    number_2 = Hundred_Number(random.randint(0,100))
```

```
    print(number_2)
```

```
    number_3 = number_1 + number_2    // Hint: you need to define a method named __add__
```

```
    print(number_3)
```

```
main()
```

This output might be produced:

```
The value = 57
```

```
The value = 87
```

```
The value = 44
```