File Edit View Insert Cell Kernel Navigate Widgets Help Trusted Python 3 O

Before you turn this problem in, make sure everything runs as expected. First, **restart the kernel** (in the menubar, select Kernel→Restart) and then **run all cells** (in the menubar, select Cell→Run All)

Don't edit or remove the line %%code . remove the line contains raise NotImplementedError() and replace it by your code. follow the comments on the cell and use the same variables and constants as listed.

Make sure you fill in any place that says YOUR CODE HERE or "YOUR ANSWER HERE", as well as your name and ID below.

1 Assignemnt 1 - Part 2

1.1 ICS 104: Programming in Python and C

1.1.1 Term 201

1.2 Question1

A passenger transport company has two type of vehicles. The small cars can carry 4 passengers and the large cars can carry 7. Large cars are more economical than small cars. The company wants to purchase a program that can calculate the minimum number of required vehicle if they enter the total number of passengers. Write a python program that takes the total number of passengers and prints the minimum number of small and large vehicles required to transport all the passengers. A sample run is shown below:

```
Enter number of passengers: 100
You need 14 large cars and 1 small car.
```

Enter number of passengers: 133 You need 19 large cars and 0 small car.

```
In [ ]: 1

In [ ]: 1

In [ ]: 1

In [ ]: 1
```

1.3 Question2

2. Write a complete Python program that reads the number of seconds from the user. The program then computes the number of days, hours, minutes, and remaining seconds. The following is a sample run of the program.

```
Enter number of seconds: 100 sec
Number of days: 0
Number of hours: 0
Number of minutes: 1
Number of remaining seconds: 40
```

Enter number of seconds: 100 Number of days: 0 Number of hours: 0 Number of minutes: 1 Number of remaining seconds: 40

In []: 1		
In []: 1		