Assignment # 1

Deadline: 16th April, 2021 11:59 pm

Total marks: 50

Instructions:

- **Please do your own work; plagiarized code will result in zero marks.**
- **Do all these ask tasks in one python file named as your roll number followed by your section e.g. 20-13456-Assignment1_b.py**
- **Please add comments in your codes**
- **Submit your file on moodle before deadline.**
- **Late assignments will not be accepted.**

Task#1 (5 marks)

Whenever I write print (1,2,3,4), the output is:
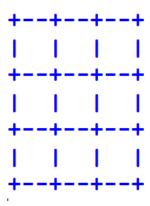
1 2 3 4

How can I update above code so that the output is:

1
2
3
4

Task#2 (10 marks)

Write python codes that convert the given input strings to output strings.

INPUT	OUTPUT	CODE
abcd	Ac	
9	57	
PythonAssignment	toA	
PythonAssignment	ssAnoht	
PythonAssignment	Me	

Task#3 (10 marks)

Write a program that prints the following grid to play tic-tac-toe.

```
+--+--+--+
|  |  |  |
+--+--+--+
|  |  |  |
+--+--+--+
|  |  |  |
+--+--+--+
```

Of course, you could simply write seven statements of the form print("+--+--+--+ ")

You should do it the smart way, though. Declare string variables to hold two kinds of patterns: a comb-shaped pattern and the bottom line. Print the comb three times and the bottom line once.

Task#4 (10 marks)

In order to make burger a chef needs at least the following ingredients:

- 1 piece of chicken meat
- 3 lettuce leaves
- 6 tomato slices

Write down a formula to figure out how many burgers can be made. Get values of chicken meat, lettuce leaves and tomato slices from user. Hint: use Python's built-in function.

Task#5 (5 marks)

Write a program that removes the leading white spaces from the given string i.e. the program converts the "   Programming is fun :-)" to "Programming is fun :-)".

Task#6 (5 marks)

Write a program that reads two times in military format (0900, 1730) and prints the number of hours and minutes between the two times. Here is a sample run:

Please enter the first time: 0900

Please enter the second time: 1730

8 hours 30 minutes