.[REGEX]*

Software Services- Learn To Create

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Name: _____   Email : _____

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Q1. Create a Python function which will print the following pattern

```
*****
 ****
  ***
   **
    *
   **
  ***
 ****
*****
```

Q2. Print the pattern

```
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1
```
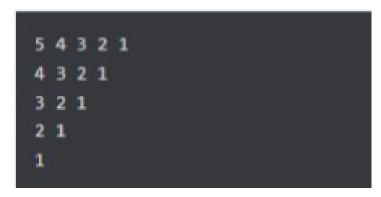
Q3 Create a function that takes a string as input and capitalizes a letter if its ASCII code is even and returns its lower case version if its ASCII code is odd.Don't use upper or any string inbuilt functions
Examples
ascii_capitalize("to be or not to be!") ➞ "To Be oR NoT To Be!"

Q4 Create a function that takes a list of numbers and return the number that's unique.
unique = [3, 3, 3, 7, 3, 3]   output ➞ 7
unique = [0, 1, 0.77, 1, 2]   output ➞ 0.77,2

Q5 Create the function that takes a list of dictionaries and returns the sum of people's budgets.
get_budget = [
{ 'name': 'John', 'age': 21, 'budget': 23000 },
{ 'name': 'Steve', 'age': 32, 'budget': 40000 },
{ 'name': 'Martin', 'age': 16, 'budget': 2700 }]
Output ➞ 65700