Python Homework 08

1 Rounding numbers to the nearest tenth

You were given a variable with a number. Please convert the number the number to its nearest tecth. For example, for 12.34, you should print out 12.3; for 12.55, you should print out 12.6

```
In [1]: ▶|  a = 12.34
            b = 12.55
            # write your program below
```

2. Place holders in print()

use place hold % in print(), and print out the following sentence.

The apple price is $1.19 per pound.

```
In [ ]: ▶|  product = 'apple'
            price = '1.19'
            unit = 'per pound'
            # write your program below
```

3. String functions

Write a Python program to count the number of 'the' in the following essay:

    Use "the" with any noun when the meaning is specific; for example, when
    the noun names the only one (or one) of a kind.

```
In [2]: ▶|  essay = '''Use "the" with any noun when the meaning is specific;
            for example, when the noun names the only one (or one) of a kind.'''

            # write your program below
```

4. Condition Statement and String

Write a program and do the following:

- 1) ask this question and take user input from keyboard: Do you want to watch the movie "Joker"?
- 2) if the user input is YES (regardless of cases) or Y or y, print out: I want to watch it too.
- 3) if the user input is not what listed above, print: Good bye.

Your program should accept 'yes' or 'y' regardless of case as valid input.

```
In [ ]:   ans = input("input example")
```

5. For Loop, Continue statement, and String

Prints all letters except 'e' and 's' in the string 'pythonforgeeksbutnotforallgeeks'

```
In [ ]:   str =  'pythonforgeeksbutnotforallgeeks'
          # write your program below
```

6. (Optional Problem). Nested For Loop

print out the following pattern. Note there should be a space between numbers :

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
```

```
In [ ]:
```