All your work is to be done on the exam. Be sure to write your name on each page of the exam.

1. (20 points) Complete the following function that counts and returns the number of periods in a string `s` used as the parameter. If the string is "a.b.g.cdf.", the method returns 4 since there are four periods in the string.

```python
def count(s):
    # initializes the counter

    for c in ______:
        if__________:
            n = __________
    return ______________
```

2. (20 points) Complete the following function that returns the word consisting of the first five characters in a string `s` which is the parameter of the function. Hint: use concatenation. For example in “acaf6gefg3hij”, acaf6 is the word returned. Assume there are at least 5 characters in the string.

```python
def returnWord(s):
    # initialize word

    n = 0
    for _____ in ______:
        word = __________________
        if __________:
            break
    return __________
```
3. (20 points) How many times is the following loop executed?

(a) for j in range(1, 10):
    print(j)

(b) for j in range(10, 1, -1):
    print(j)

(c) for c in "asdsfg":
    print(c)

(d) j = 0
    while j < 5:
        j = j + 1
        print(j)

(e) j = 0
    while j < 5:
        j = j + 2
        print(j)

4. (20 points) Write a function called addThem(s) that has as its parameter a string s that contains only digits, for instance, “652431” and prints the sum of the digits, here 21. Use a for c in s loop. Hint use the int() function.
5. (20 points) Write a method compare($s$, $t$) that returns true if both strings are identical. Assume both have the same length. This is a very simple program.