

Quiz 7

ZJUI CS 101, FALL 2016

STUDENT ID:

NAME:

Question 1. What is the final value of `d` for the code below? (There can be multiple correct answers for this question. Picking any correct answer wins you full credit for this question.)

```
x = 'ABBACAB'
d = {}
for c in x:
    if c not in d:
        d[c] = 0
    d[c] += 1
```

A { 'A': 3, 'C': 1, 'B': 3 }

B { 'A': 3, 'B': 3, 'C': 1 }

C { 'AAA', 'BBB', 'C' }

D [3, 3, 1]

Question 2. What does this code below print?

```
d = { 'red':1, 'green':2, 'blue':3 }
for n in d:
    print( n )
```

A The values of `d`.

B The keys of `n`.

C The key-value pairs of `d`.

Question 3. What does this code below do?

```
myfile = open( 'odyssey.txt' )
text = myfile.read()
d = {}
for l in text.split():
    if l not in d:
        d[ l ] = 0
    d[ l ] += 1
```

A Counts all of the lines in `'odyssey.txt'`.

B Counts all of the words in `'odyssey.txt'`.

C Counts all of the characters in `'odyssey.txt'`.

Question 4. What is the highest possible grade in CS 101 if you get a *zero* on the midterm?

A 90%

B 80%

C 70%

D 60%