

## CSC108H Worksheet: String Operations and Methods

1. Consider this code:

```
phrase = 'laughing out loud'
```

After the code above is executed, which of the following expressions produces 'lol'?

- (a) `phrase[0] + phrase[9] + phrase[0]`      (b) `phrase[0] + phrase[9] + phrase[-4]`
- (c) `phrase[-4] + phrase[-3] + phrase[0]`      (d) Both (a) and (b)
- (e) All of (a), (b) and (c)

2. Consider this code:

```
a = 'scores'  
b = a[2:]
```

After the code above is executed, which of the following expressions produces True?

- (a) `a == 'scores' and b == 'scores'`      (b) `a == 'ores' and b == 'ores'`
- (c) `a == 'cores' and b == 'scores'`      (d) `a == 'cores' and b == 'cores'`
- (e) `a == 'scores' and b == 'ores'`

3. Consider this code:

```
lyrics = 'abc easy as 123'
```

After the code above is executed, which of the following expressions **does not** produce True?

- (a) `'easy' in lyrics`      (b) `str(len('mj')) in lyrics`
- (c) `'cab' in lyrics`      (d) `' ' in lyrics`

4. Consider this code

```
wish = 'Happy Birthday'
```

After the code above is executed, which of the following expressions produces 'happy birthday'?

- (a) `wish[0].lower() + wish[6].lower()`      (b) `wish.swapcase()`
- (c) `wish[0].lower() + wish[1:6] + wish[6].lower() + wish[7:]`      (d) `wish.lower()`
- (e) Both (c) and (d)