Strings Quiz Practice

CSCI040: ~~Computing for the Web~~ Introduction to Hacking

Problem 1. What is the output of the following code:

```
s = 'hello world'
print(s[:-6])
```

Problem 2. What is the output of the following code:

```
s = '12345'
xs = [1, 2, 3, 4, 5]
b = s[-1] == xs[-1]
print('b=', b)
```

Problem 3. What is the output of the following code:

```
s = 'hello'
xs = ['h', 'e', 'l', 'l', 'o']
b = s[-2:] == xs[-2:]
print('b=', b)
```

Problem 4. What is the output of the following code:

```python
s = 'python is awesome'
if 'python' in s:
    print('True')
else:
    print('False')
```

Problem 5. What is the output of the following code:

```python
s = 'python is awesome'
if 'Python' in s:
    print('True')
else:
    print('False')
```

Problem 6. What is the output of the following code:

```python
s = 'python is awesome'
t = s.replace('python', 'everything')
print('t=', t)
```

Problem 7. What is the output of the following code:

```python
s = 'Python is awesome'
s.replace('python', 'everything')
print('s=', s)
```

Problem 8. What is the output of the following code:

```
s = 'python is awesome'
t = s.split()
u = t[-1]
print('u=', u)
```

Problem 9. What is the output of the following code:

```
s = 'python\nis\tawesome'
t = s.split()
u = '_'.join(t)
print('u=', u)
```

Problem 10. What is the output of the following code:

```
s = 'python  is\tawesome'
t = s.split('_')
u = t[1]
print('u=', u)
```

Problem 11. What is the output of the following code:

```
s = 'python is awesome'
t = s.split('o')
u = 'XXX'.join(t)
print('u=', u)
```

Problem 12. What is the output of the following code:

```
s = 'guido_von_rossum'
i = s.find('_')
t = s[:i]
print('t=',t)
```

Problem 13. What is the output of the following code:

```
s = 'guido_von_rossum'
i = s.find('G')
t = s[:i]
print('t=',t)
```

Problem 14. What is the output of the following code:

```
b = 'G' > 'a':
print('b=', b)
```

Problem 15. What is the output of the following code:

```
b = "\"" > '\n':
print('b=', b)
```

Problem 16. What is the output of the following code:

```
s = 'Guido von Rossum'
xs = s.split()
xs.sort()
print('xs=', xs)
```

Problem 17. What is the output of the following code:

```
s = 'Guido von rossum'
xs = s.split()
xs.sort()
print('xs=', xs)
```

Problem 18. What is the output of the following code:

```
print(0b1010)
```

Problem 19. What is the output of the following code:

```
print(0o110)
```

Problem 20. What is the output of the following code:

```
print(0x0010)
```

Problem 21. What is the output of the following code:

```
s = '\x48\x45\x4C\x4C\x4F'
print('s=', s)
```

Problem 22. What is the output of the following code:

```
s = '\x57o\x72L\x44'
print('s=', s)
```