

A

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):  
    return x/0
```

A. `inf` B. 0 C. Nothing D. Error

2. ( $\frac{1}{2}$  point) What is the result of  
"`".join(["Hello", "World"])`?

A. "Hello World" B. "Hello, World" C. "HelloWorld"  
D. "Hello World "

3. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2  
y = x * 2  
print(x, y)
```

A. [1, 1] [1, 1] B. [1, 1, 1, 1] [1, 1, 1, 1]  
C. [1, 1] [1, 1, 1, 1] D. [1, 1, 1, 1] [1, 1]

4. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:  
    hh = hh - 12  
if hh >= 12:  
    s = "pm"  
# Note the variable mm is unmodified.
```

5. (2 points) The following is not equivalent to  
`s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""  
for x in xs:  
    s = s + " " + x
```

6. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. 4 B. Error C. 0 D. 2345

7. ( $\frac{1}{2}$  point) What is `len([1, 2], 3)`?

A. 1 B. 2 C. 3 D. 4

8. ( $\frac{1}{2}$  point) What is the result of the expression  
"Hello, World!"[1:4]?

A. "ell" B. "Hell" C. "ello" D. "Hel"

9. ( $\frac{1}{2}$  point) What is "1234"> "23"?

A. True B. False C. Error D. "23"

10. ( $\frac{1}{2}$  point) What is "0"[1]?

A. Error B. "0" C. "1" D. ""

**B**

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is "1234"> "23"?

A. True B. Error C. "23" D. False

2. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

3. ( $\frac{1}{2}$  point) What is the result of the expression "Hello, World!"[1:4]?

A. "Hel" B. "ello" C. "ell" D. "Hell"

4. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?

A. 4 B. 3 C. 1 D. 2

5. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1, 1, 1] [1, 1] B. [1, 1] [1, 1]  
C. [1, 1, 1, 1] [1, 1, 1, 1]  
D. [1, 1] [1, 1, 1, 1]

6. ( $\frac{1}{2}$  point) What is the result of " ".join(["Hello", "World"])?

A. "Hello World " B. "Hello, World"  
C. "Hello World" D. "HelloWorld"

7. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. 4 B. Error C. 0 D. 2345

8. ( $\frac{1}{2}$  point) What is "0"[1]?

A. Error B. "1" C. "0" D. ""

9. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

10. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. Error B. `inf` C. 0 D. Nothing

C

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

2. (1/2 point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. Error B. 0 C. Nothing D. inf

3. (1/2 point) What is "1234"> "23"?

A. False B. True C. "23" D. Error

4. (1/2 point) What is `len([[1, 2], 3])`?

A. 4 B. 1 C. 2 D. 3

5. (1/2 point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello World" B. "Hello World "  
C. "Hello, World" D. "HelloWorld"

6. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

7. (1/2 point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1] [1, 1] B. [1, 1, 1, 1] [1, 1]  
C. [1, 1, 1, 1] [1, 1, 1, 1]  
D. [1, 1] [1, 1, 1, 1]

8. (1/2 point) What is `len(2345)`?

A. 2345 B. Error C. 0 D. 4

9. (1/2 point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hel" B. "Hell" C. "ello" D. "ell"

10. (1/2 point) What is `"0"[1]`?

A. "0" B. Error C. "1" D. ""

**D**

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using **for**.

```
s = ""
for x in xs:
    s = s + " " + x
```

2. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?  
A. Error B. "23" C. False D. True

3. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?  
A. 2 B. 4 C. 1 D. 3

4. ( $\frac{1}{2}$  point) What is `"0"[1]`?  
A. "1" B. Error C. "0" D. ""

5. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. inf B. Error C. 0 D. Nothing

6. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

7. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. Error B. 2345 C. 0 D. 4

8. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello World" B. "Hello, World"  
C. "Hello World " D. "HelloWorld"

9. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hell" B. "ello" C. "e11" D. "Hel"

10. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1] [1, 1, 1, 1] B. [1, 1, 1, 1] [1, 1, 1, 1]  
C. [1, 1] [1, 1] D. [1, 1, 1, 1] [1, 1]

**E**

Full Name \_\_\_\_\_

Section &amp; Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hell" B. "ello" C. "ell" D. "Hel"

2. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

3. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?

A. 3 B. 1 C. 4 D. 2

4. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

5. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello World" B. "HelloWorld" C. "Hello World "  
D. "Hello, World"

6. ( $\frac{1}{2}$  point) What is `"0"[1]`?

A. "0" B. "" C. "1" D. Error

7. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1, 1, 1] [1, 1, 1, 1]  
B. [1, 1] [1, 1, 1, 1] C. [1, 1] [1, 1]  
D. [1, 1, 1, 1] [1, 1]

8. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?

A. False B. "23" C. Error D. True

9. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. Error B. 2345 C. 0 D. 4

10. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. Error B. inf C. 0 D. Nothing

**F**

Full Name \_\_\_\_\_

Section &amp; Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

2. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. Nothing B. `inf` C. Error D. 0

3. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?

A. 2 B. 4 C. 3 D. 1

4. ( $\frac{1}{2}$  point) What is `"0"[1]`?

A. "0" B. "" C. Error D. "1"

5. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. 0 B. Error C. 4 D. 2345

6. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1, 1, 1] [1, 1] B. [1, 1, 1, 1] [1, 1, 1, 1]  
C. [1, 1] [1, 1] D. [1, 1] [1, 1, 1, 1]

7. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello World " B. "Hello World" C. "HelloWorld"  
D. "Hello, World"

8. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hel" B. "ell" C. "ello" D. "Hell"

9. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

10. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?

A. True B. "23" C. Error D. False

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. `inf` B. Nothing C. 0 D. Error

2. ( $\frac{1}{2}$  point) What is `"0"[1]`?

A. `" "` B. `"0"` C. `"1"` D. Error

3. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?

A. 1 B. 2 C. 3 D. 4

4. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?

A. `"23"` B. Error C. `True` D. `False`

5. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either `"am"` or `"pm"`. List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

6. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?

A. `"Hello World"` B. `"HelloWorld"` C. `"Hello, World"`  
D. `"Hello World "`

7. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

8. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. Error B. 2345 C. 4 D. 0

9. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?

A. `"Hell"` B. `"ello"` C. `"e11"` D. `"Hel"`

10. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. `[1, 1, 1, 1]` `[1, 1]` B. `[1, 1]` `[1, 1]`  
C. `[1, 1, 1, 1]` `[1, 1, 1, 1]`  
D. `[1, 1]` `[1, 1, 1, 1]`

**H**

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is `"0"[1]`?  
A. "" B. "1" C. "0" D. Error
2. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?  
A. "Hello World" B. "Hello World " C. "HelloWorld"  
D. "Hello, World"
3. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using **for**.  

```
s = ""  
for x in xs:  
    s = s + " " + x
```
4. ( $\frac{1}{2}$  point) What is the result of the following code?  

```
def infinity(x):  
    return x/0
```

  
A. Error B. `inf` C. 0 D. Nothing
5. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?  
A. "Hel" B. "ello" C. "ell" D. "Hell"
6. ( $\frac{1}{2}$  point) What is the output of the following code?  

```
x = [1] * 2  
y = x * 2  
print(x, y)
```

  
A. [1, 1, 1, 1] [1, 1] B. [1, 1, 1, 1] [1, 1, 1, 1]  
C. [1, 1] [1, 1, 1, 1] D. [1, 1] [1, 1]
7. ( $\frac{1}{2}$  point) What is `len(2345)`?  
A. 2345 B. 0 C. Error D. 4
8. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either `"am"` or `"pm"`. List errors in the code and fix it.  

```
if hh >= 12:  
    hh = hh - 12  
if hh >= 12:  
    s = "pm"  
# Note the variable mm is unmodified.
```
9. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?  
A. 3 B. 1 C. 2 D. 4
10. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?  
A. "23" B. Error C. True D. False



# I

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):  
    return x/0
```

A. 0 B. inf C. Error D. Nothing

2. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using **for**.

```
s = ""  
for x in xs:  
    s = s + " " + x
```

3. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. Error B. 0 C. 2345 D. 4

4. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:  
    hh = hh - 12  
if hh >= 12:  
    s = "pm"  
# Note the variable mm is unmodified.
```

5. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hel" B. "Hell" C. "ello" D. "ell"

6. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello World" B. "Hello, World"  
C. "Hello World" D. "HelloWorld"

7. ( $\frac{1}{2}$  point) What is `len([1, 2], 3)`?

A. 1 B. 3 C. 4 D. 2

8. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?

A. "23" B. False C. True D. Error

9. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2  
y = x * 2  
print(x, y)
```

A. [1, 1, 1, 1] [1, 1, 1, 1] B. [1, 1] [1, 1]  
C. [1, 1, 1, 1] [1, 1] D. [1, 1] [1, 1, 1, 1]

10. ( $\frac{1}{2}$  point) What is `"0"[1]`?

A. Error B. "0" C. "" D. "1"

**J**

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is the result of  
" ".join(["Hello", "World"])?  
A. "Hello World" B. "Hello, World" C. "HelloWorld"  
D. "Hello World "

2. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):  
    return x/0
```

A. Error B. `inf` C. Nothing D. 0

3. ( $\frac{1}{2}$  point) What is the result of the expression  
"Hello, World!"[1:4]?  
A. "ell" B. "ello" C. "Hell" D. "Hel"

4. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:  
    hh = hh - 12  
if hh >= 12:  
    s = "pm"  
# Note the variable mm is unmodified.
```

5. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. 2345 B. Error C. 4 D. 0

6. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?

A. 3 B. 4 C. 1 D. 2

7. ( $\frac{1}{2}$  point) What is `"0"[1]`?

A. "" B. "0" C. Error D. "1"

8. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?

A. Error B. "23" C. True D. False

9. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2  
y = x * 2  
print(x, y)
```

A. [1, 1] [1, 1] B. [1, 1, 1, 1] [1, 1, 1, 1]  
C. [1, 1] [1, 1, 1, 1] D. [1, 1, 1, 1] [1, 1]

10. (2 points) The following is not equivalent to  
`s = " ".join(xs)`? Why? Write the correct version  
using `for`.

```
s = ""  
for x in xs:  
    s = s + " " + x
```

K

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

2. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

3. (1/2 point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. Error B. 0 C. Nothing D. inf

4. (1/2 point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello, World" B. "HelloWorld" C. "Hello World"  
D. "Hello World "

5. (1/2 point) What is `"1234"> "23"`?

A. True B. False C. Error D. "23"

6. (1/2 point) What is `len([1, 2], 3)`?

A. 3 B. 2 C. 1 D. 4

7. (1/2 point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1, 1, 1] [1, 1] B. [1, 1] [1, 1]  
C. [1, 1] [1, 1, 1, 1] D. [1, 1, 1, 1] [1, 1, 1, 1]

8. (1/2 point) What is `"0"[1]`?

A. "1" B. "0" C. Error D. ""

9. (1/2 point) What is `len(2345)`?

A. 0 B. 4 C. Error D. 2345

10. (1/2 point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "ell" B. "Hell" C. "Hel" D. "ello"

**L**

Full Name \_\_\_\_\_

Section &amp; Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

2. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.

```
s = ""
for x in xs:
    s = s + " " + x
```

3. (1/2 point) What is "1234"> "23"?

A. Error B. True C. "23" D. False

4. (1/2 point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello, World" B. "Hello World "  
C. "Hello World" D. "HelloWorld"

5. (1/2 point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hel" B. "Hell" C. "ello" D. "ell"

6. (1/2 point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1] [1, 1] B. [1, 1, 1, 1] [1, 1]  
C. [1, 1, 1, 1] [1, 1, 1, 1]  
D. [1, 1] [1, 1, 1, 1]

7. (1/2 point) What is `"0"[1]`?

A. "" B. "1" C. "0" D. Error

8. (1/2 point) What is `len(2345)`?

A. 4 B. Error C. 0 D. 2345

9. (1/2 point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. inf B. 0 C. Nothing D. Error

10. (1/2 point) What is `len([[1, 2], 3])`?

A. 3 B. 4 C. 1 D. 2

M

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is `len(2345)`?  
A. 2345 B. 4 C. 0 D. Error
2. ( $\frac{1}{2}$  point) What is `"0"[1]`?  
A. "0" B. Error C. "1" D. ""
3. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?  
A. 4 B. 3 C. 1 D. 2
4. ( $\frac{1}{2}$  point) What is the output of the following code?  

```
x = [1] * 2  
y = x * 2  
print(x, y)
```

  
A. [1, 1, 1, 1] [1, 1] B. [1, 1] [1, 1, 1, 1]  
C. [1, 1, 1, 1] [1, 1, 1, 1] D. [1, 1] [1, 1]
5. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?  
A. "ello" B. "Hel" C. "ell" D. "Hell"
6. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either `"am"` or `"pm"`. List errors in the code and fix it.  

```
if hh >= 12:  
    hh = hh - 12  
if hh >= 12:  
    s = "pm"  
# Note the variable mm is unmodified.
```
7. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?  
A. "HelloWorld" B. "Hello World" C. "Hello World "  
D. "Hello, World"
8. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using `for`.  

```
s = ""  
for x in xs:  
    s = s + " " + x
```
9. ( $\frac{1}{2}$  point) What is the result of the following code?  

```
def infinity(x):  
    return x/0
```

  
A. 0 B. Nothing C. `inf` D. Error
10. ( $\frac{1}{2}$  point) What is `"1234"> "23"`?  
A. False B. "23" C. True D. Error

N

Full Name \_\_\_\_\_

Section & Subsection \_\_\_\_\_

Roll # \_\_\_\_\_

8 points.

1. ( $\frac{1}{2}$  point) What is "1234"> "23"?

A. Error B. "23" C. False D. True

2. (2 points) The following is not equivalent to `s = " ".join(xs)`? Why? Write the correct version using **for**.

```
s = ""
for x in xs:
    s = s + " " + x
```

3. ( $\frac{1}{2}$  point) What is the result of `" ".join(["Hello", "World"])`?

A. "Hello World" B. "Hello World " C. "HelloWorld"  
D. "Hello, World"

4. (2 points) The variables `hh` and `mm` contains time (hours and minutes respectively) in 24-hour format. The following code was written to convert it into 12-hour format with `s` being either "am" or "pm". List errors in the code and fix it.

```
if hh >= 12:
    hh = hh - 12
if hh >= 12:
    s = "pm"
# Note the variable mm is unmodified.
```

5. ( $\frac{1}{2}$  point) What is the output of the following code?

```
x = [1] * 2
y = x * 2
print(x, y)
```

A. [1, 1, 1, 1] [1, 1] B. [1, 1] [1, 1, 1, 1]  
C. [1, 1, 1, 1] [1, 1, 1, 1] D. [1, 1] [1, 1]

6. ( $\frac{1}{2}$  point) What is `"0"[1]`?

A. "0" B. Error C. "1" D. ""

7. ( $\frac{1}{2}$  point) What is the result of the expression `"Hello, World!"[1:4]`?

A. "Hel" B. "ell" C. "ello" D. "Hell"

8. ( $\frac{1}{2}$  point) What is the result of the following code?

```
def infinity(x):
    return x/0
```

A. Nothing B. `inf` C. 0 D. Error

9. ( $\frac{1}{2}$  point) What is `len([[1, 2], 3])`?

A. 2 B. 1 C. 4 D. 3

10. ( $\frac{1}{2}$  point) What is `len(2345)`?

A. 0 B. Error C. 2345 D. 4