Computer Science 1	Output Exercises 11	Date:
Name:		Period:

Determine the output for each program that follows.
Print the exact output in the blank cell next to the program.

Program	Your Final Answer

#1
``
x = 30
y = 20
z = 10
if x > y and y < z:
    print("Hello")
else:
    print("Goodbye")
``	

#2
``
x = 30
y = 20
z = 10
if x > y or y < z:
    print("Hello")
else:
    print("Goodbye")
``	

#3
``
x = 30
y = 20
z = 10
if x > y or y > z:
    print("Hello")
else:
    print("Goodbye")
``	

#4
``
x = 30
y = 20
z = 20
if x >= y and y >= z:
    print("Hello")
else:
    print("Goodbye")
``	

```
#5
x = 30
y = 20
z = 20
if x >= y >= z:
    print("Hello")
else:
    print("Goodbye")
```

```
#6
x = 30
y = 20
z = 20
if z == y and y == x:
    print("Hello")
else:
    print("Goodbye")
```

```
#7
x = 30
y = 20
z = 20
if z == y or y == x:
    print("Hello")
else:
    print("Goodbye")
```

```
#8
x = 30
y = 30
z = 30
if z == y and y == x:
    print("Hello")
else:
    print("Goodbye")
```

```
#9
x = 30
y = 30
z = 30
if z == y == x:
    print("Hello")
else:
    print("Goodbye")
```

Program		

#10
``
x = 30
y = 30
z = 30
if x < y < z:
    print("Hello")
else:
    print("Goodbye")
``		

#11
``
x = 30
y = 30
z = 30
if x <= y <= z:
    print("Hello")
else:
    print("Goodbye")
``		

The middle column is for any scratch work that may be necessary.

Program	Your Work	Your Final Answer

#12
``
x = 30
y = 20
z = 10
while x >= y >= z:
    x -= 2
    z += 2
print(x,y,z)
``		

#13
``
x = 30
y = 20
z = 10
while x > y or y > z:
    x -= 4
    y -= 1
    z += 3
print(x,y,z)
``		