1. Using Common Subexpression Elimination, rewrite the basic block:

```
x = a + b;
y = x + c;
z = a + b + c;
```

2. Name some optimizations you can perform on the below code, and rewrite accordingly.

```
x = 5;
y = x + 3;
z = b + 0*c + -y
y = a*y;
w = (y > c) && (x < 3)
```