Assignment: Homework 4

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1. Implement level L1 code in L0 rules:
2. print(x + y - z \* 2)

**p = x + y**

**q = z \* 2**

**r = p – q**

**print r**

1. if (x – y) z = 2 else z = 5; print(z \* 3)

**p = x – y**

**if p goto L1**

**goto L2**

**L1: z = 2**

**L2: z = 5**

**q = z \* 3**

**print q**

1. while (k) {x = x \* k; k = k – 1}; print(x)

**L1: if k goto L2**

**goto L3**

**L2: x = x \* k**

**k = k – 1**

**goto L1**

**L3: print x**