

Draw Flow Chart

1. We'll say a number is special if it is a multiple of 11 or if it is one more than a multiple of 11.

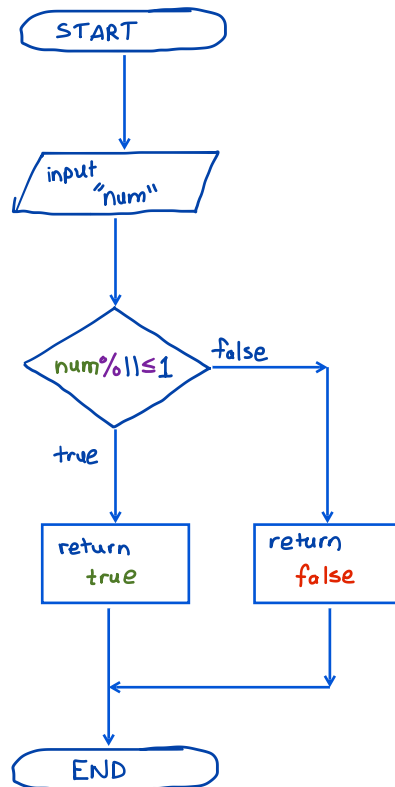
Return true if the given non-negative number is special. Use the % "mod" operator -- see

Introduction to Mod

specialEleven(22) → true

specialEleven(23) → true

specialEleven(24) → false

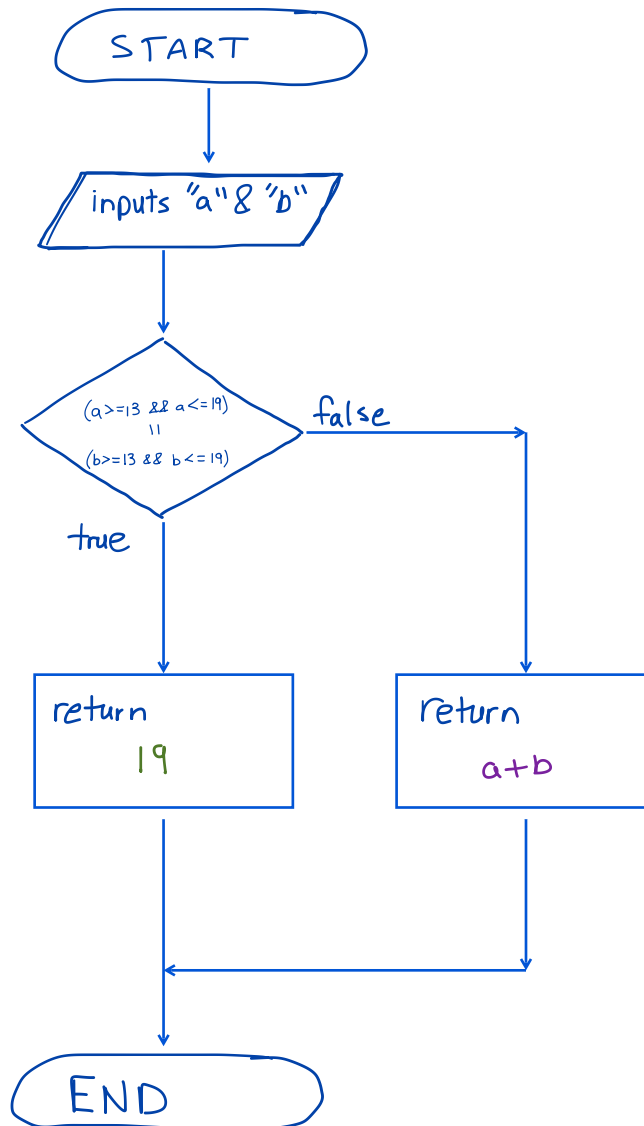


2. Given 2 ints, a and b, return their sum. However, "teen" values in the range 13..19 inclusive, are extra lucky. So if either value is a teen, just return 19.

teenSum(3, 4) → 7

teenSum(10, 13) → 19

teenSum(13, 2) → 19

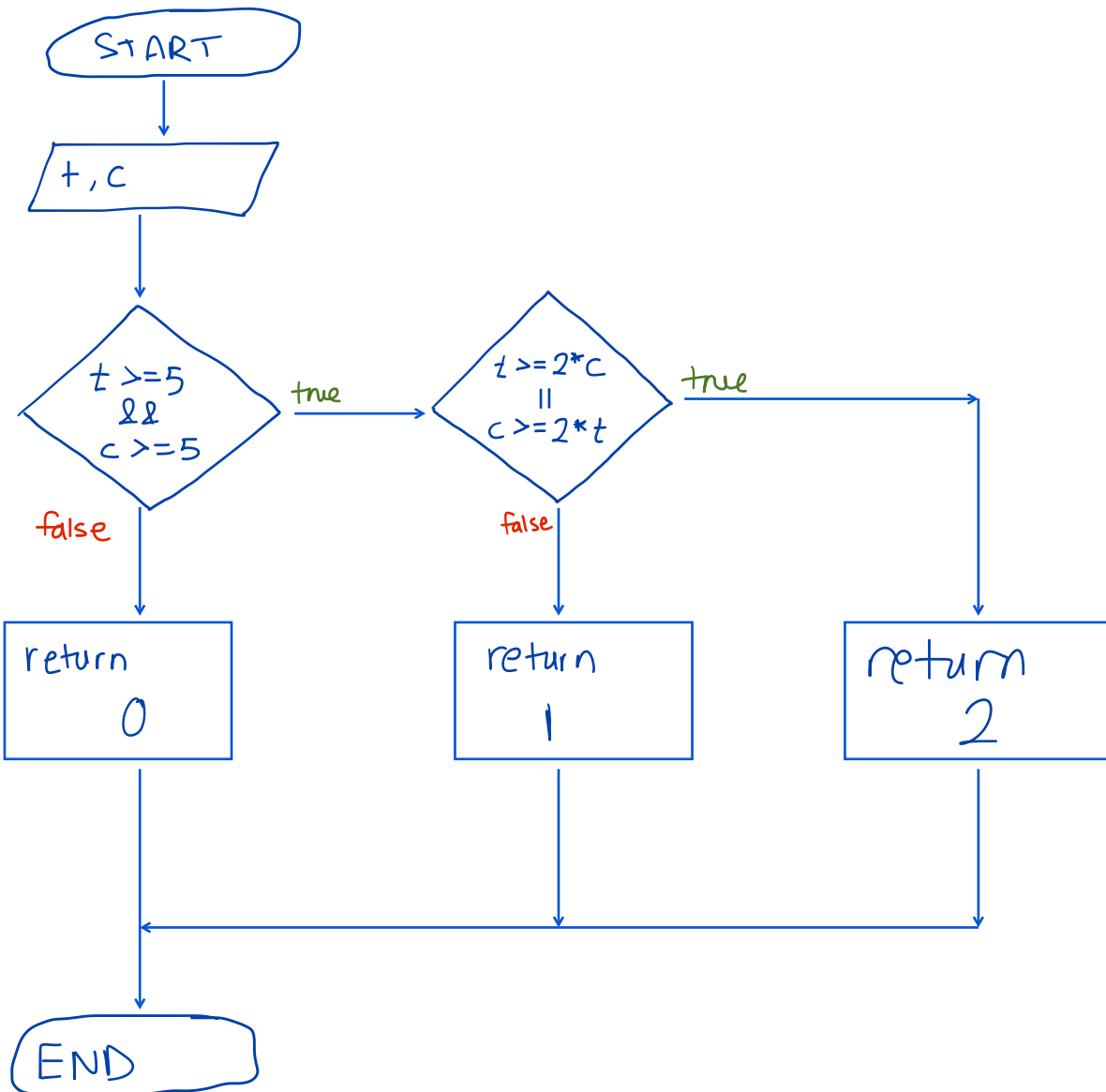


3. We are having a party with amounts of tea and candy. Return the int outcome of the party encoded as 0=bad, 1=good, or 2=great. A party is good (1) if both tea and candy are at least 5. However, if either tea or candy is at least double the amount of the other one, the party is great (2). However, in all cases, if either tea or candy is less than 5, the party is always bad (0).

teaParty(6, 8) → 1

teaParty(3, 8) → 0

teaParty(20, 6) → 2



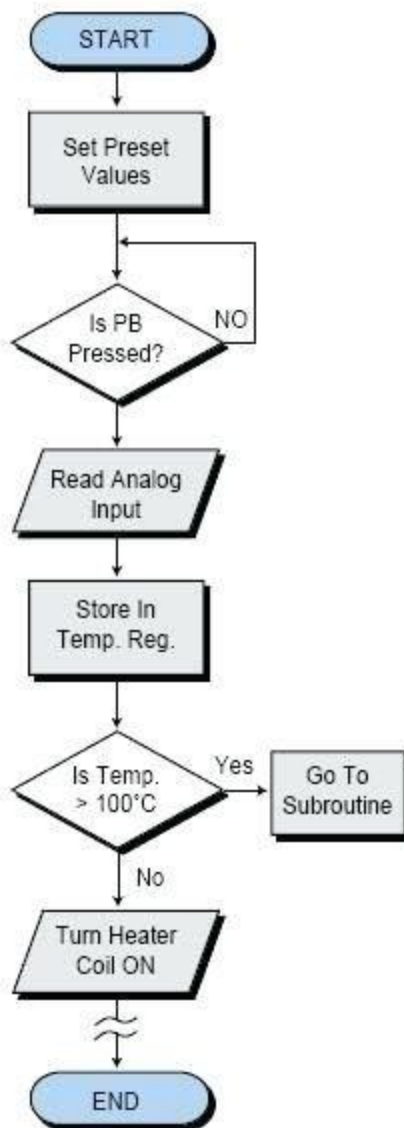


Figure 2. Simple flowchart.

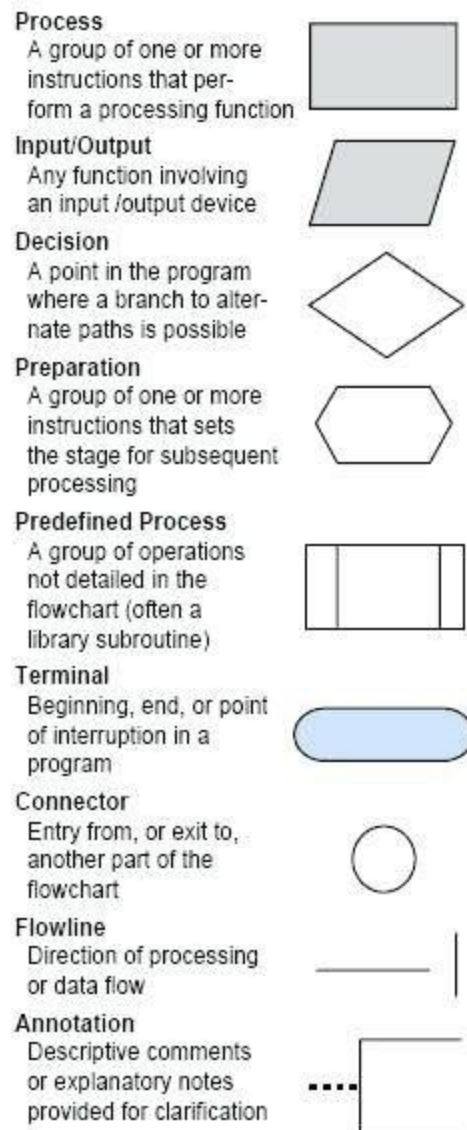


Figure 3. Flowchart symbols.