Assignment 5

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Question 1

a.

A diagram of a flowchart

Description automatically generated

I wasn’t sure what to do for the end of the flowchart, since 13 is part of the for loop and is the last line of code. I needed some way to show that it had two paths coming out of it, so I added the end node.

b.

E-N+2\*p

E = 10

N = 9

P = 1

10-9+2\*1 = 3

The 3 paths are

5-6-End

5-6-7-8-9-13-6-End

5-6-7-8-9-10-11-13-6-End