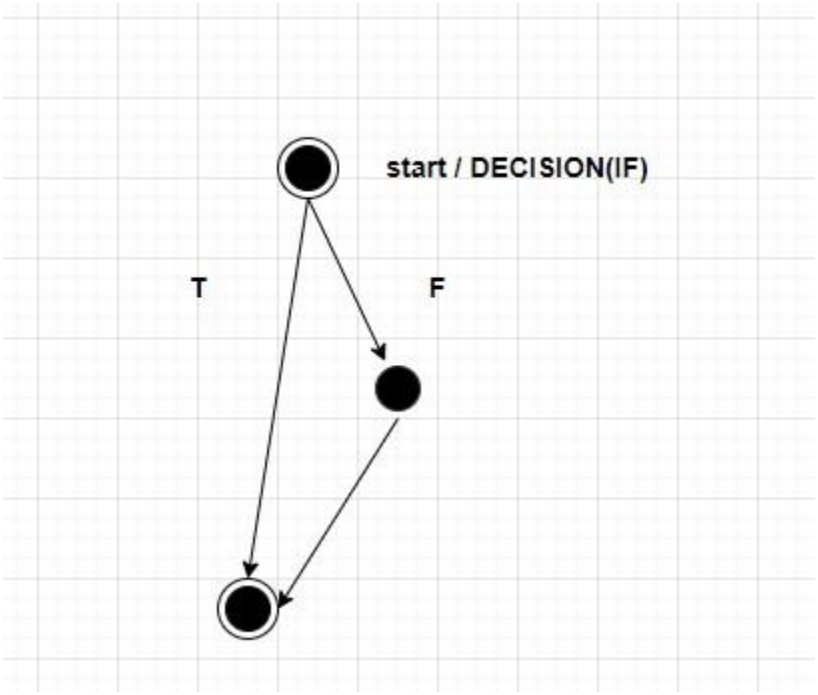
Question 1

cc means cyclomatic complexity.it can be sure that every path have been tested at least once. this help to focus more on uncovered paths. code coverage can be improved.

Question 2

1.recQuickSort

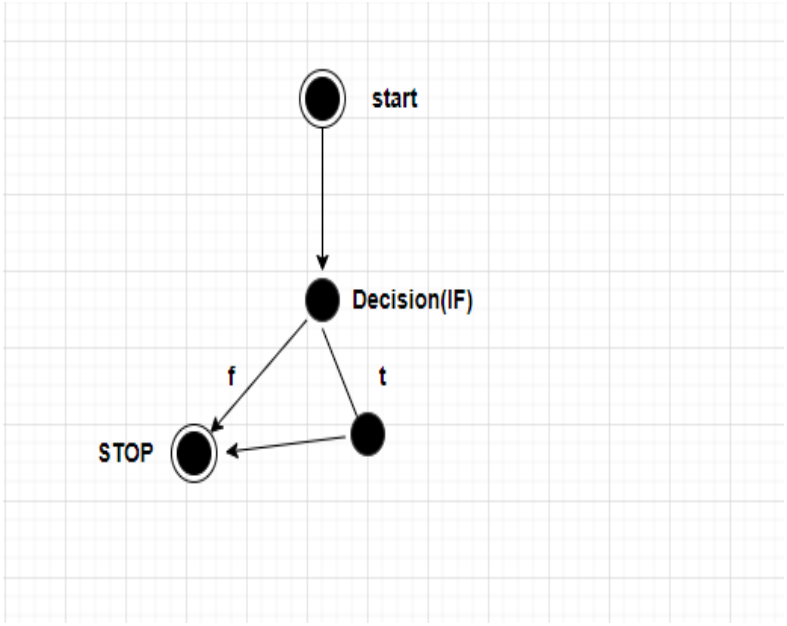


CC= E-N+2

3-3+2

2

2. etCurrentValue

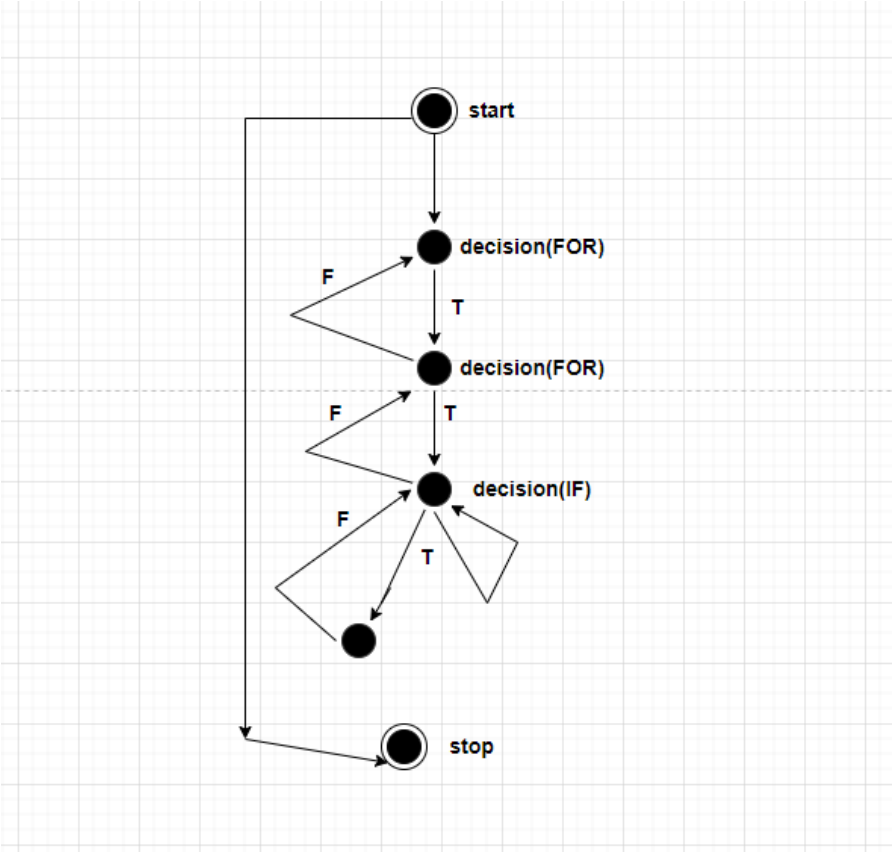


CC= E-N+2

4-4+2

=2

bubbleSort( )

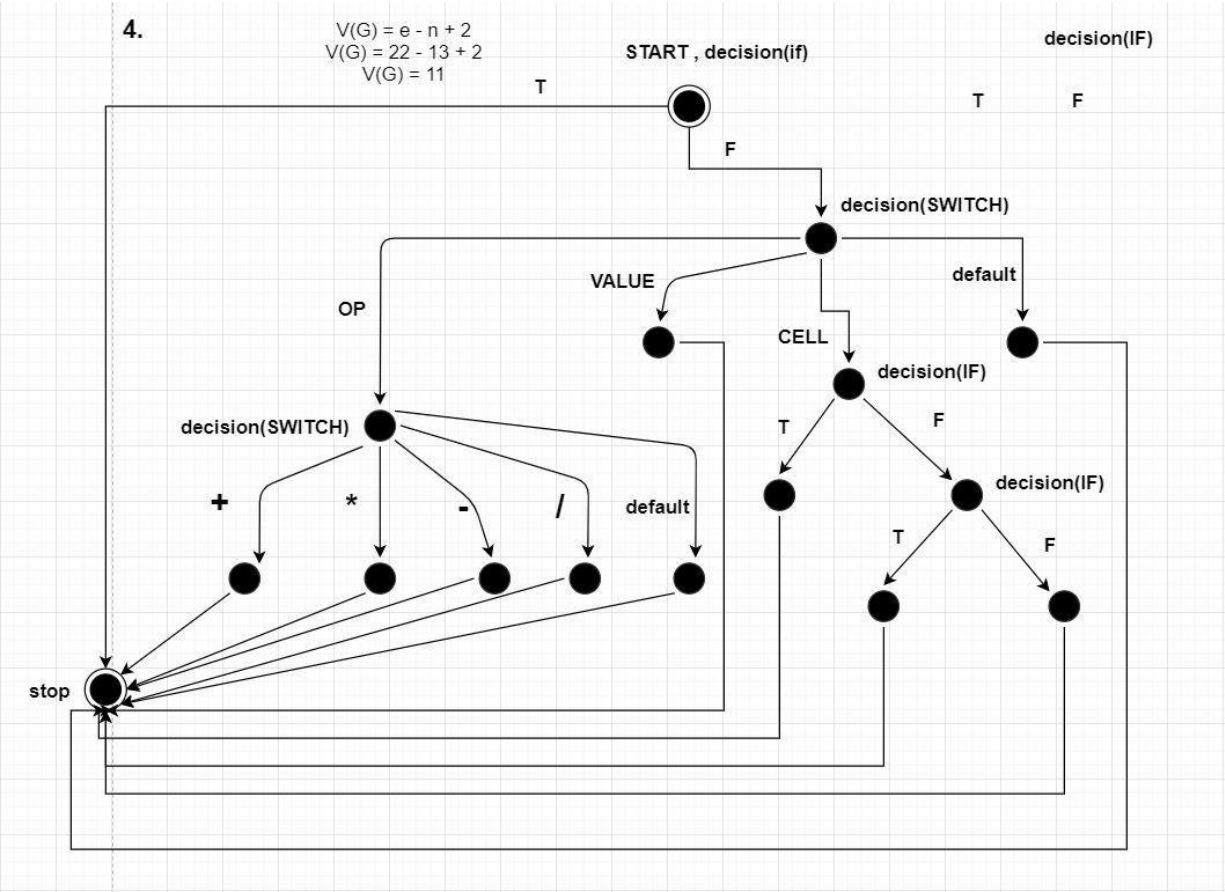


CC= E-N+2

=8-6+2

=4

3. evaluateFormula(Node n)



CC= E-N+2

=26-19+2

Question3

public void recQuickSort(int left, int right),

ONLY 1 decision here

cc=d+1 1+1

=2

public void setCurrentValue(float val)

cc=2+1 =3

public void bubbleSort( )

cc=3+1 =4

public float evaluateFormula(Node n)

cc=5+1 =6

Question 4

set cant value formula if you get the if conditon code bycode true and flase. then we get

code not get e separte code .

Because of that the **public void setCurrentValue(float val)** and the **public float evaluateFormula(Node n)** methods are getting different values for source codes and byte codes.