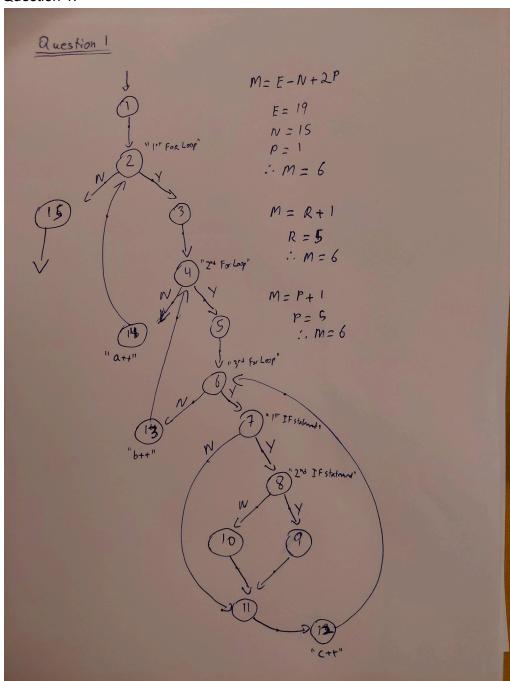
Question 1:



Path Set:

1-2-15

1-2-3-4-14-2-15

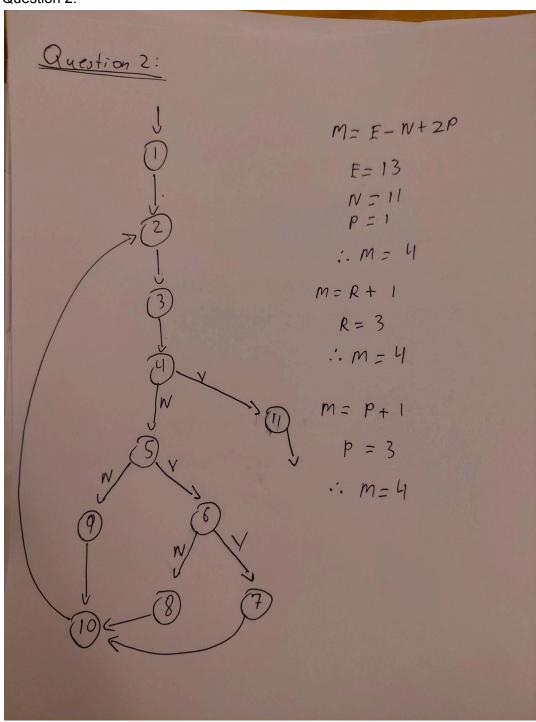
1-2-3-4-5-6-13-4-14-2-15

1-2-3-4-5-6-7-11-12-6-13-4-14-2-15

1-2-3-4-5-6-7-8-9-11-12-6-13-4-14-2-15

1-2-3-4-5-6-7-8-10-11-12-6-13-4-14-2-15

Question 2:



Path Set:

1-2-3-4-11

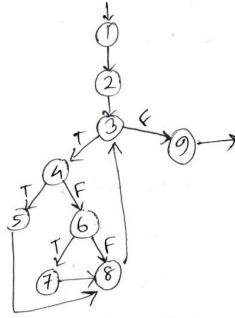
1-2-3-4-5-9-10-2-3-4-11

1-2-3-4-5-6-8-10-2-3-4-11

1-2-3-4-5-6-7-10-2-3-4-11

Gues Ans - 3

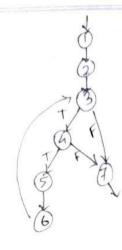
Code 1 8



$$CC = E - N + 2P$$
 or, $CC = R + 1$ or $CC = P + 1$
= $11 - 9 + 2$ = $3 + 1$ = $3 + 1$
= 4

... Cyclomatic Complexity = 4

code 2 8



as CC 9s less in code-2 than Code 1. So we can say that cade 2, has botten eyelomate complexity.

(2) For each 1 ? Path 1 8 12 34-58-3-9

Path 281-2-3-4-6-7-8-3-9 Test ow for Path 28 A. longth = 1, A=[5]

Test cask for Path 1 & A. length = 1, A=[4]

For cade-28

Path 18 +2-3-4-5-6-3-7

Test case for Path 18 A. length = 1, A=[6]

guestion Answew-4.