Put your answers in the space provided.

2. 12 pts. In each part, use the code to fill in the values. Use a ? if the event is not determined by the code.

In #3 and #4, you can use 1 or T or t for true, and 0 or F or f for false.

5 pts. Evaluate the following Java logical expressions using C = true, D = true. E = false, F = false. Place answer on the line.

a.
$$T$$
 E | | (D && C) | | D

b. T (E && F) | | (C && D)

c. T (! D) | | C

d. T F | | (C && (!E))

e. F (! (E | | D)) && C

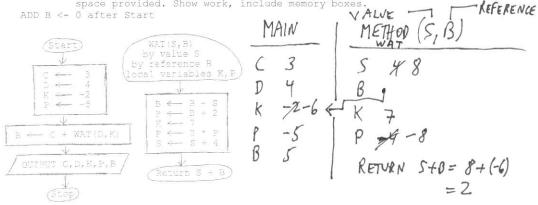
4. 8 pts (2 pts each). Fill in the truth value for the Java expression depending on the value of x.

Expression					Value of x
x < 7		x == 3	&& x == 7	x > 3	T T T T T
x == 3	11	x > 3	&& x > 7	x == 7	FITIFITITI
x == 3		x < 7	&& x > 3	x == 7	FITITIF
x < 3	Į.	x > 7	&& x == 7	x == 3	TITIFIFIF

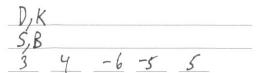
CS 1050, Mr. Kramer

Sample Exam #1, p. 4 of 8

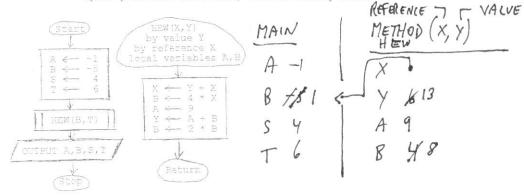
16 pts. Use the flowcharts to determine the answers and put them in the space provided. Show work, include memory boxes.



- a. The actual parameters are
- b. The formal parameters are
- c. The output produced is



 16 pts. Use the flowcharts to determine the answers and put them in the space provided. Show work, include memory boxes.

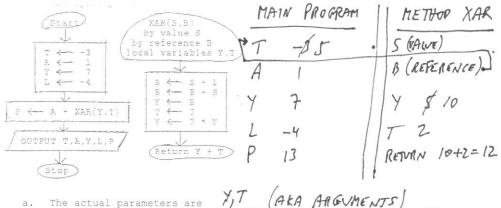


- a. The actual parameters are
- b. The formal parameters are
- c. The output produced is

CS 1050, Mr. Kramer

Sample Exam #1, p. 5 of 8

16 pts. Use the flowcharts to determine the answers and put them in the space provided. Show work, include memory boxes.

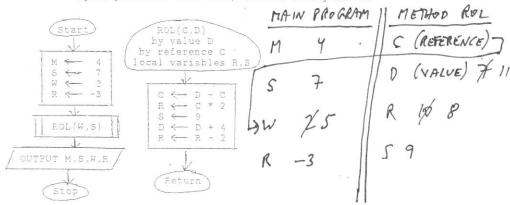


a. The actual parameters are $\frac{f_1}{f_1}$ (AkA

b. The formal parameters are J, B

c. The output produced is 5 1 7 -4 13

 16 pts. Use the flowcharts to determine the answers and put them in the space provided. Show work, include memory boxes.



a. The actual parameters are

W, S (AKA ARGUMENTS)

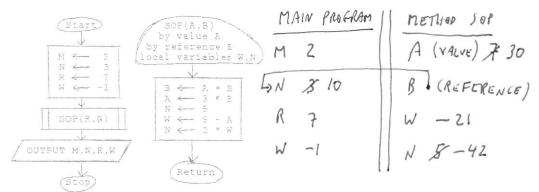
b. The formal parameters are

4 7 5 -3 =

c. The output produced is

Sample Exam #1, p. 6 of 8

 16 pts. Use the flowcharts to determine the answers and put them in the space provided. Show work, include memory boxes.



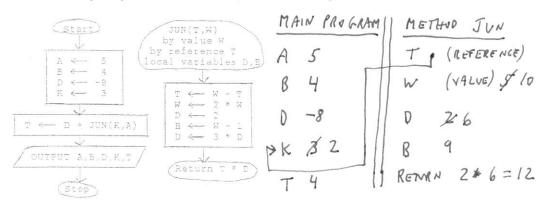
a. The actual parameters are

R,N (AKA ARGOMENIS)
A,B

b. The formal parameters are

The output produced is $\frac{2}{10}$ $\frac{7}{7}$ $\frac{-1}{1}$

 16 pts. Use the flowcharts to determine the answers and put them in the space provided. Show work, include memory boxes.



a. The actual parameters are

K, A (AKA ARFUMENTS)

b. The formal parameters are

c. The output produced is