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Homework 1, CPSC 3120
Spring 2022

Question 1

- A. C) 4
- B. A) $x = 4$
- C. C) fg
- D. E) it will loop indefinitely
- E. It will print " sat on the mat\n"

Question 2

Input	Output
2 1 2 3 4	10
2 4 3 1 2	10
3 1 2 3 4 5 6 7 8 9	30
3 9 8 7 6 5 4 3 2 1	30
4 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	68
3 7 8 9 6 5 4 3 2 1	30
3 9 5 4 1 2 3 3 4 5	25

Question 3

- A. (2) 50 50
35 50
- B. (1) 10 20
- C. 8 10
- D. (5) it will loop indefinitely