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CS-225: Discrete Structures in CS

Homework 8, Part 2

Exercise Set 9.5: #7.b( (ii), (iii)), #12,  #16.(a, b)

Exercise Set 9.6: #4, #13, #18

Set 9.5:

7. b) ii.

iii.

12. , then we divide by 2 because statistically half of these values have an even sum, which is what we are to show.

16.

a)

b) Previous answer –

Set 9.6:

4.

a)

b)

c) Subtract solution b from solution a:

13.

18.

a)

b)