CS3345 Exam 1

Question 10

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Suppose we have the following data and hash values:

A – 5

B – 5

C – 5

D – 6

E - 5

If the hop size is 4, what would the resulting hopscotch hash table look like (where is each item and what is the hop for each index)?

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5 = A, hop = 1111

6 = B, hop = 0001

7 = C, hop = 0000

8 = E, hop = 0000

**9** = D, hop = 0000

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