Which of the following scenarios leads to expected linear running time for a random search hit in a linear-probing hash table?

a. All keys hash to the same index.

b. All keys hash to different indices.

c. All keys hash to an even-numbered index.

d. All keys hash to different even-numbered indices.

ANSWER

a. All keys hash to the same index.  
 c. All keys hash to an even-numbered index.