**Q.Explain the concept of a circular queue? How is it better than a linear queue?
Draw the queue structure in each case when the following operations are performed on an empty queue.
(a) Add A, B, C, D, E, F
(b) Delete two letters
(c) Add G
(d) Add H
(e) Delete four letters
(f) Add I**

**Sol:**

**Intial Queue.**



**a.) Add A,B,C,D,E,F**



**(b) Delete two letters**

dequeuing A



Dequeing B

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**(c) Add G**



**d) Add H**



**(e) Delete four letters**



**(f) Add I**

