28) REVERSE FIRST K ELEMENTS OF THE QUEUE

METHOD:

This sum is very similar to the previous sum.The only difference is that we do not pop all the all elements ,we pop only upto the required number of elements.
But the problem is that the reverse appears at the end of the queue.
So Inorder to bring them back to their position, we pop the elements and push them back into the queue and we follow this procedure for only q.size()-k elements only.

CODE OF THE PROGRAM:

```
void reverse(queue<int> &q,int k){
   if(k==0){
      return;
   }
   else{
      int data=q.front();
      q.pop();
      reverse(q,k-1);
      q.push(data);
   }
}

queue<int> modifyQueue(queue<int> q, int k) {
   reverse(q,k);
   int count=q.size()-k;
   while(count!=0){
      int data=q.front();
      q.pop();
      q.push(data);
      count--;
   }
   return q;
}
```