```
void init_que(struct queue* qu) {
   qu->rear = 0;
   qu->front = 0;
   qu->cnt = 0;
}
qu
      rear, front
cnt = 0
void insert_que(struct queue* qu, int a) {
   if (qu->cnt != MAX) {
      qu->que[(qu->rear) % MAX] = a;
      qu->rear++;
      qu->cnt++;
   }
   else
      printf("Queue is FULL\n");
}
        1
1. qu
        rear
   cnt = 0
   MAX = 3
2. qu
        1
          rear
   cnt = 1
int pop_que(struct queue* qu) {
   int pop_value;
   if (qu->cnt != 0) {
      pop_value = qu->que[(qu->front) % MAX];
      qu->front++;
      qu->cnt--;
   }
   else
      printf("Queue is EMPTY\n");
   return pop_value;
}
        1
1. qu
        pop_value
   cnt = 3
        1
2. qu
            front
   cnt = 2
```