store
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Lab 4 - Queue Implementation

```
void insert()
{
  int item;
  if (rear == MAX-1)
  printf("Queue is full\n");
  else
  {
    if (front == -1)
    front = 0;
    printf("Input the element : ");
    scanf ("%d", &item);
    rear = rear + 1;
    queue[rear] = item;
  }
}
void display()
{
  int i;
  if (front == -1 && rear == -1)
  printf("queue is : \n");
  else
  {
  printf("queue is : \n");
  for(i = front; i <= rear; i++)
  printf("%d\n");
  printf("%s\n");
  }

}
```

```
void delete()
{
  if (front == -1 || front > rear)
  {
    printf("queue underflow\n");
  }
  else
  {
    printf("deleted element is : %d\n", queue[front]);
    front = front+1;
  }
}
```