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#include<stdio.h>
#include<stdlib.h>
struct Node
{
     int data;
    struct Node *next;
};
struct Node *front = NULL;
struct Node *rear = NULL;
void insert()
     struct Node *temp;
    int val;
    temp = (struct Node *) malloc (sizeof(struct Node));
    if(temp == NULL)
         printf("\nQUEUE overflow\n");
         return;
    }
    else
         printf("\nEnter value:");
         scanf("%d",&val);
         temp -> data = val;
         temp -> next = NULL;
         if(front == NULL)
              front = rear = temp;
         else
              rear -> next = temp;
              rear = temp;
         printf("\nOne value inserted into the QUEUE\n");
    }
}
void delete ()
     struct Node *temp;
    if(front == NULL)
     {
         printf("\nQUEUE underflow\n");
         return;
    }
    else
         temp = front;
         front = front -> next;
         printf("\nThe value %d is deleted from QUEUE", temp->data);
```

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free(temp);
    }
}
void display()
     struct Node *temp;
     temp = front;
     if(front == NULL)
         printf("\nEmpty queue\n");
     }
     else
         printf("\nQUEUE elements are:");
         while(temp != NULL)
              printf("%d ", temp -> data);
              temp = temp -> next;
         }
     }
}
void main()
   int ch;
   int e = 1;
   printf("\nQUEUE using Linked List\n");
    while(e)
     {
         printf("\n-----\n");
         printf("\n\t1. Insert\n\t2. Delete\n\t3. Display\n\t4. Exit\n");
         printf("\n--
                               ----\n");
         printf("Enter your choice:");
         scanf("%d", &ch);
         switch(ch)
         {
              case 1: insert();
                       break;
              case 2: delete();
                       break;
              case 3: display();
                       break;
              case 4: e = 0;
                       printf("\nExiting from the program\n");
              default: printf("\nPlease enter valid choice\n");
         }
    }
}
```