DELETE FIRST

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Program to Delete First Node in a Linked List ****/
     /***
#include <stdio.h>
void insert last();
void delete first();
void display();
struct node
     int info;
     struct node *link;
} *start=NULL;
int item;
main()
      int ch;
      do
      {
          printf("\n\n1. Insert Last\n2. Delete First\n3. Display\n4.
                                                             Exit\n");
          printf("\nEnter your choice: ");
          scanf("%d", &ch);
         switch(ch)
               case 1:
                    insert last();
                    break;
               case 2:
                    delete first();
                    break;
               case 3:
                    display();
                    break;
               case 4:
                    exit(0);
```

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default:
                    printf("\n\nInvalid choice: Please try again.\n");
      } while (1);
}
void insert last()
     struct node *ptr;
     printf("\n\nEnter item: ");
     scanf("%d", &item);
     if(start == NULL)
          start = (struct node *)malloc(sizeof(struct node));
          start->info = item;
          start->link = NULL;
     else
     {
          ptr = start;
          while (ptr->link != NULL)
                ptr = ptr->link;
          ptr->link = (struct node *)malloc(sizeof(struct node));
          ptr = ptr->link;
          ptr->info = item;
          ptr->link = NULL;
     }
     printf("\nItem inserted: %d\n", item);
}
void delete first()
{
     struct node *ptr;
     if (start == NULL)
          printf("\n\nLinked list is empty.\n");
     else
          ptr = start;
          item = start->info;
          start = start->link;
          free(ptr);
```

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printf("\n\nItem deleted: %d", item);
     }
}
void display()
     struct node *ptr = start;
     int i=1;
     if (ptr == NULL)
          printf("\nLinklist is empty.\n");
     else
     {
          printf("\nSr. No.\t\tAddress\t\tInfo\t\tLink\n");
          while(ptr != NULL)
               printf("\n%d.\t\t%d\t\t%d\t\t%d\n", i, ptr, ptr->info,
                                                         ptr->link);
               ptr = ptr->link;
               i++;
          }
}
```