Single Linked list program:-

```
#include <stdio.h>
#include <stdlib.h>
struct Node {
   int data;
   struct Node* next;
};
void printList(struct Node* node) {
   while (node != NULL) {
      printf("%d -> ", node->data);
      node = node->next;
   }
   printf("NULL\n");
}
void push(struct Node** head_ref, int new_data) {
   struct Node* new_node = (struct Node*) malloc(sizeof(struct Node));
   new_node->data = new_data;
   new_node->next = (*head_ref);
   (*head_ref) = new_node;
}
int main() {
   struct Node* head = NULL;
   push(&head, 3);
   push(&head, 2);
   push(&head, 1);
   printf("Linked list: ");
   printList(head);
   return 0;
}
```