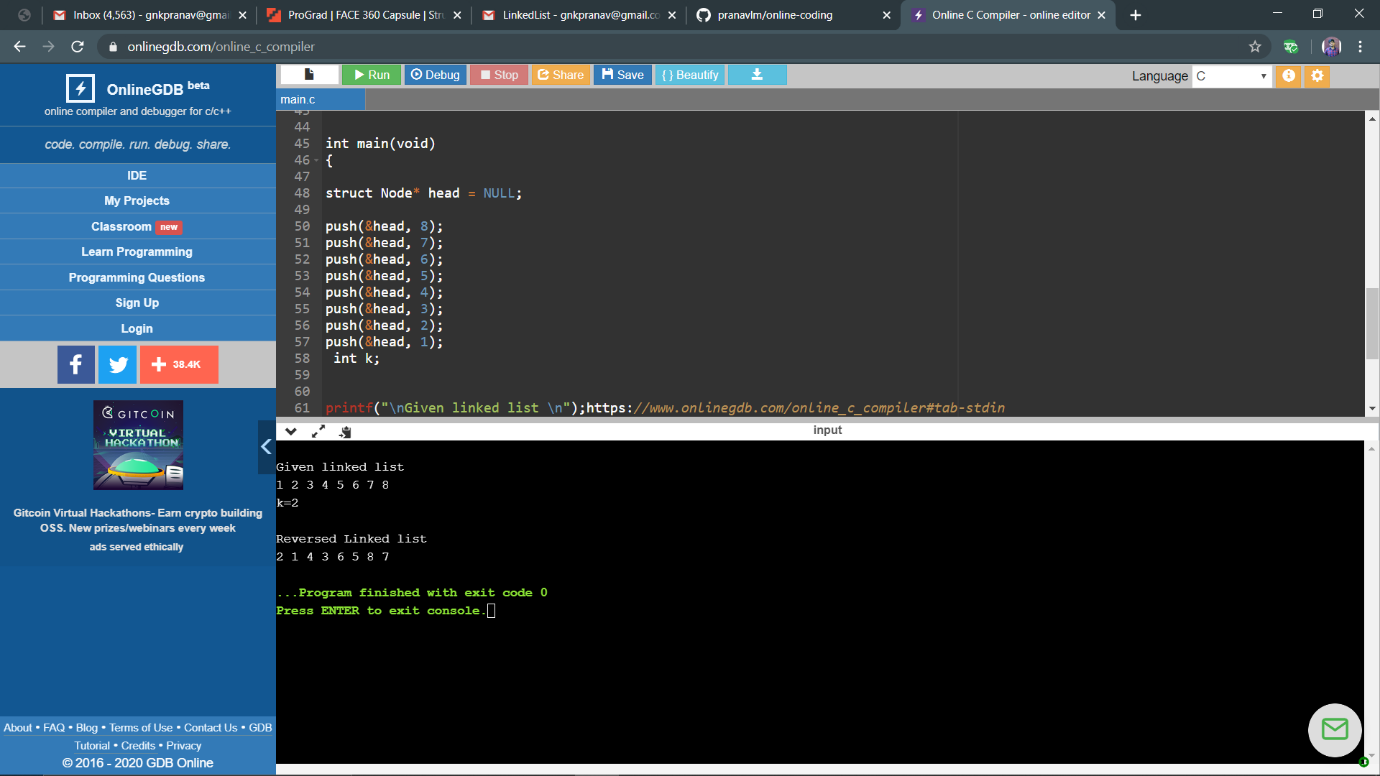
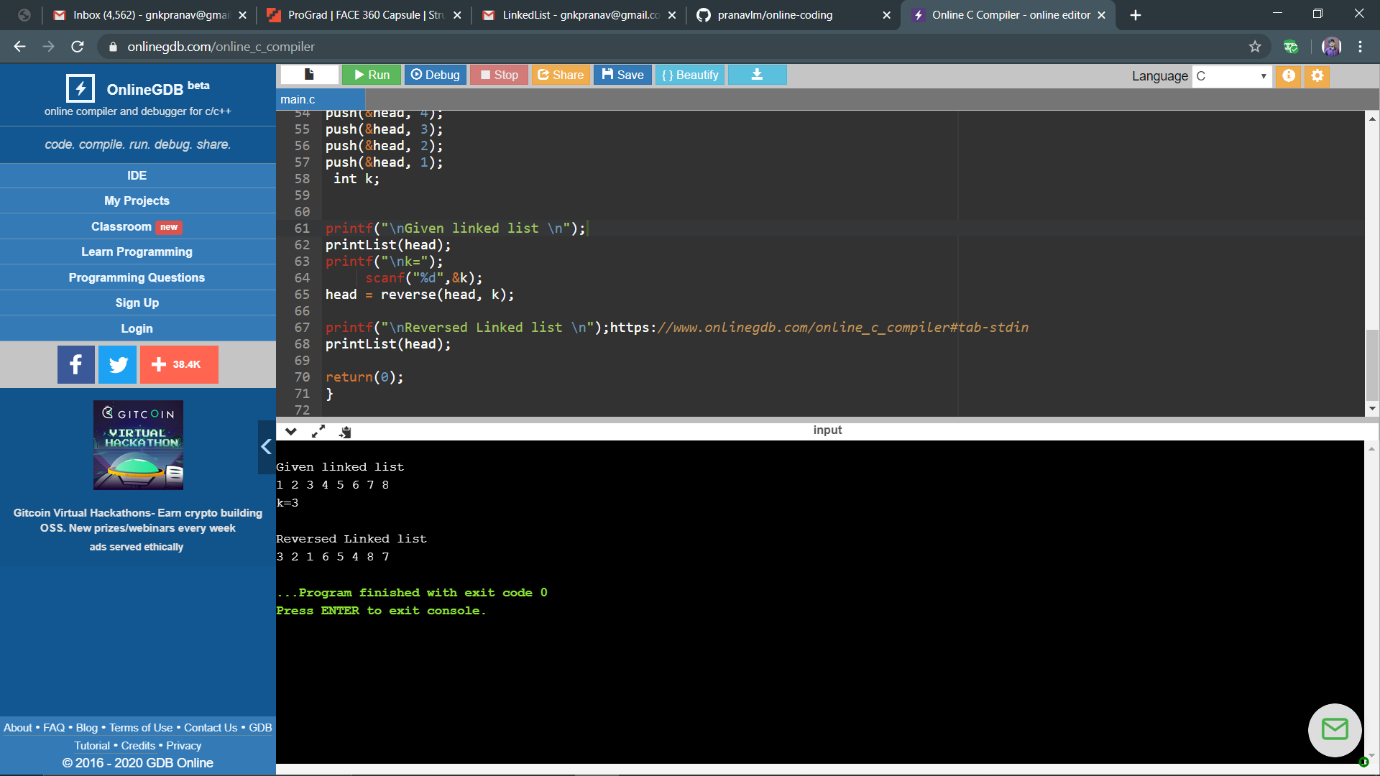
#include<stdio.h>  
#include<stdlib.h>  
struct Node  
{  
int data;  
struct Node\* next;  
};  
struct Node \*reverse (struct Node \*head, int k)  
{  
struct Node\* current = head;  
struct Node\* next = NULL;  
struct Node\* prev = NULL;  
int count = 0;  
while (current != NULL && count < k)  
{  
next = current->next;  
current->next = prev;  
prev = current;  
current = next;  
count++;  
}  
if (next != NULL)  
head->next = reverse(next, k);  
       return prev;  
}  
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;  
}  
  
void printList(struct Node \*node)  
{  
while (node != NULL)  
{  
printf("%d ", node->data);  
node = node->next;  
}  
}  
  
  
int main(void)  
{  
  
struct Node\* head = NULL;  
  
push(&head, 8);  
push(&head, 7);  
push(&head, 6);  
push(&head, 5);  
push(&head, 4);  
push(&head, 3);  
push(&head, 2);  
push(&head, 1);  
 int k;  
   
   
printf("\nGiven linked list \n");  
printList(head);  
printf("\nk=");  
     scanf("%d",&k);  
head = reverse(head, k);  
  
printf("\nReversed Linked list \n");  
printList(head);  
  
return(0);  
}

**Output**

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