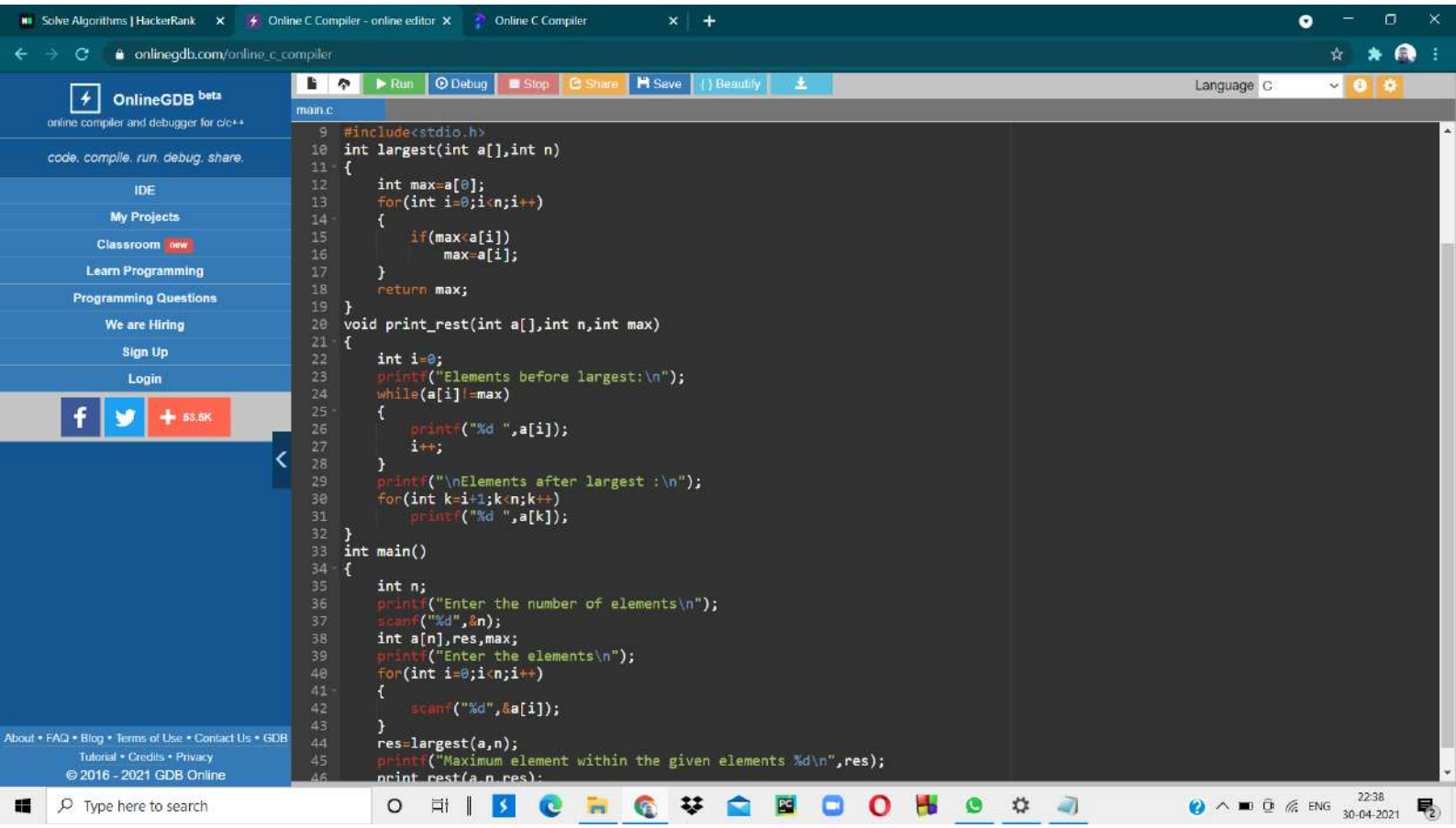
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{ } Beautify
Language C
main.c
#include<stdio.h>
int largest(int a[],int n)
{
int max=a[0];
for(int i=0;i<n;i++)
{
if(max<a[i])
max=a[i];
}
return max;
}
void print_rest(int a[],int n,int max)
{
int i=0;
printf("Elements before largest:\n");
while(a[i]!=max)
{
printf("%d ",a[i]);
i++;
}
printf("\nElements after largest :\n");
for(int k=i+1;k<n;k++)
printf("%d ",a[k]);
}
int main()
{
int n;
printf("Enter the number of elements\n");
scanf("%d",&n);
int a[n],res,max;
printf("Enter the elements\n");
for(int i=0;i<n;i++)
{
scanf("%d",&a[i]);
}
res=largest(a,n);
printf("Maximum element within the given elements %d\n",res);
print_rest(a,n,res);
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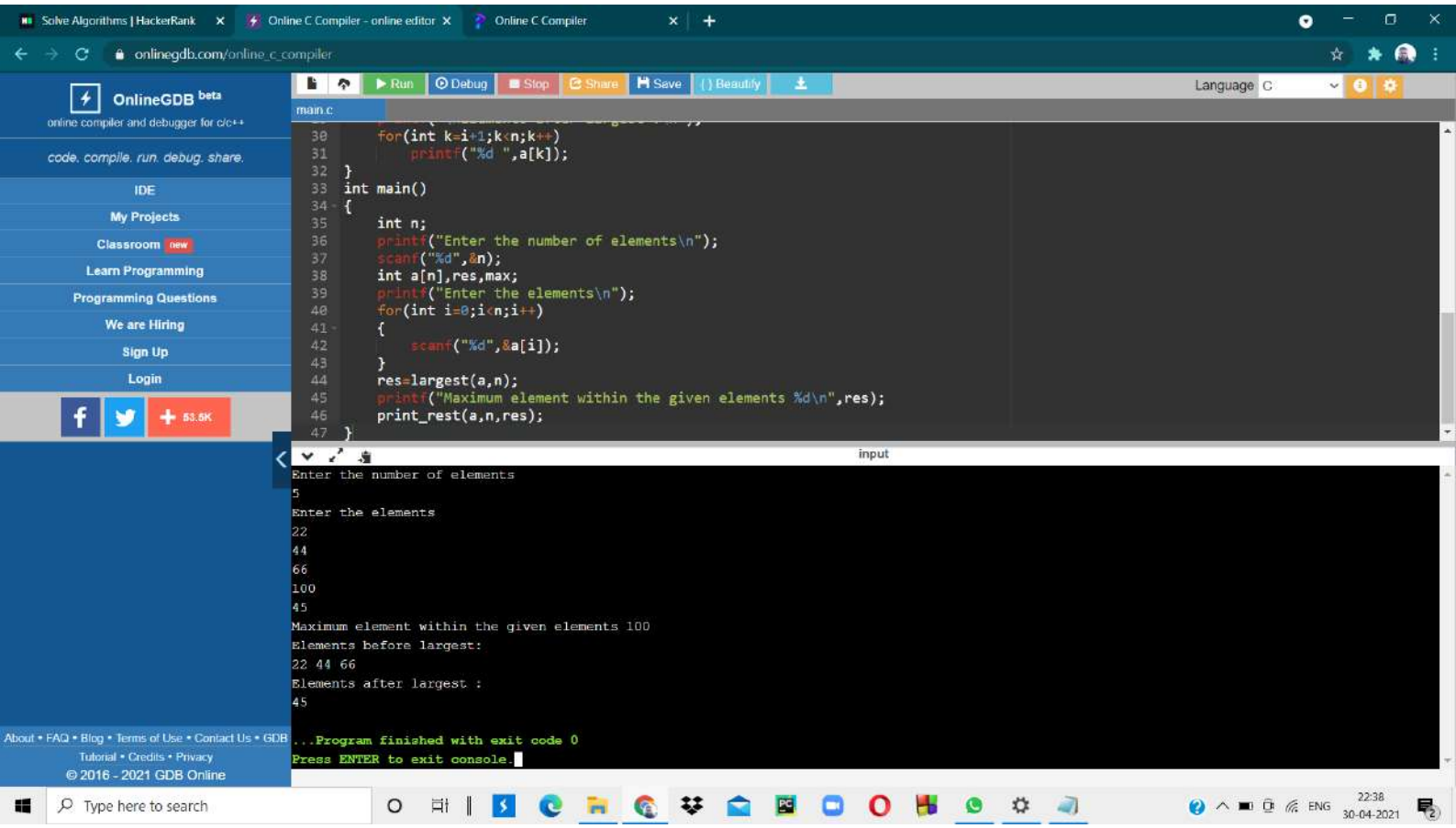
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Language C
main.c
for(int k=i+1;k<n;k++)
printf("%d ",a[k]);
}
int main()
{
int n;
printf("Enter the number of elements\n");
scanf("%d",&n);
int a[n],res,max;
printf("Enter the elements\n");
for(int i=0;i<n;i++)
{
scanf("%d",&a[i]);
}
res=largest(a,n);
printf("Maximum element within the given elements %d\n",res);
print_rest(a,n,res);
}
input
Enter the number of elements
5
Enter the elements
22
44
66
100
45
Maximum element within the given elements 100
Elements before largest:
22 44 66
Elements after largest :
45
...Program finished with exit code 0
Press ENTER to exit console.
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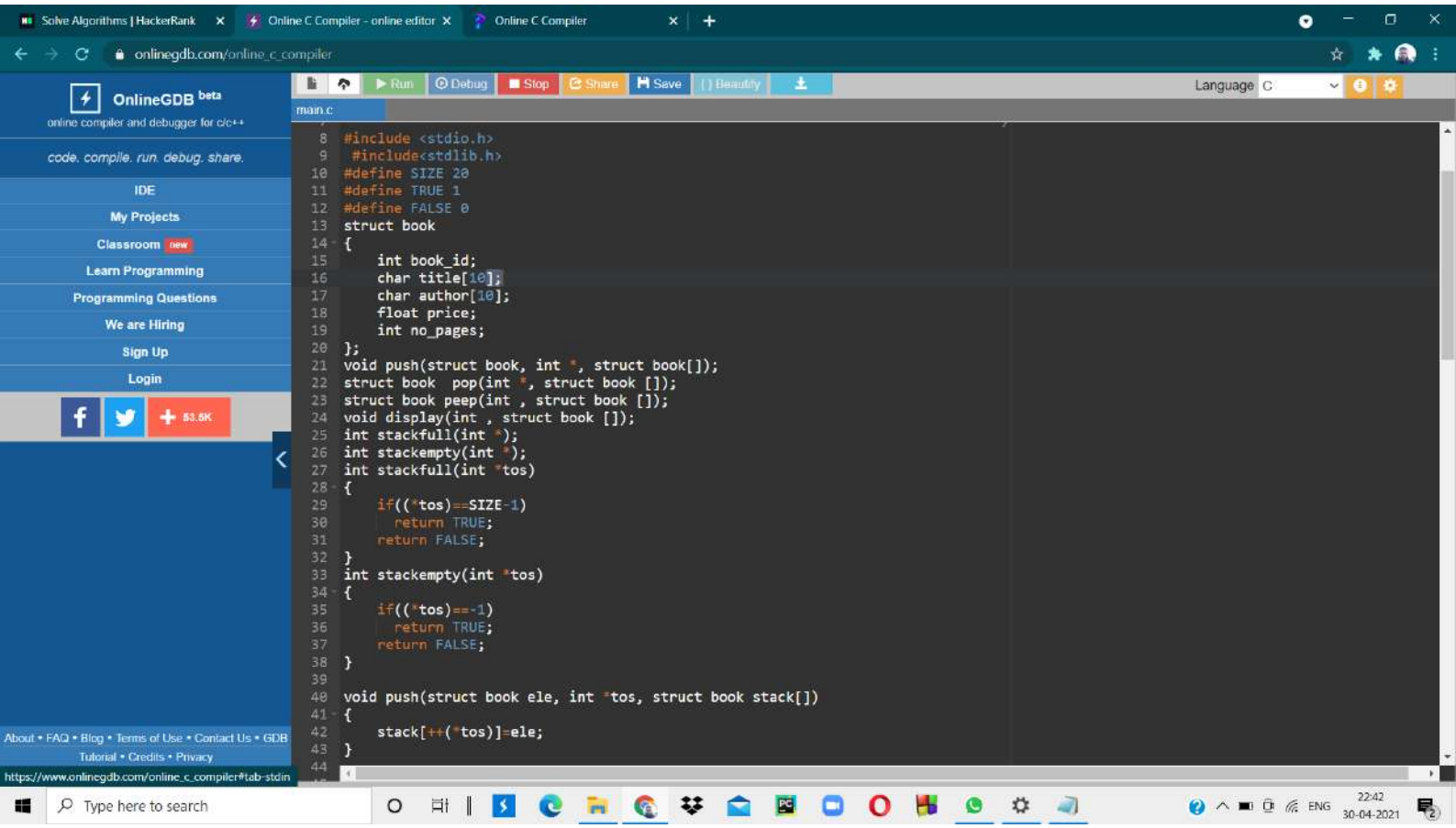
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{ } Beautify
Language C
main.c
#include <stdio.h>
#include<stdlib.h>
#define SIZE 20
#define TRUE 1
#define FALSE 0
struct book
{
int book_id;
char title[10];
char author[10];
float price;
int no_pages;
};
void push(struct book, int *, struct book[]);
struct book pop(int *, struct book []);
struct book peep(int , struct book []);
void display(int , struct book []);
int stackfull(int *);
int stackempty(int *);
int stackfull(int *tos)
{
if((*tos)==SIZE-1)
return TRUE;
return FALSE;
}
int stackempty(int *tos)
{
if((*tos)==-1)
return TRUE;
return FALSE;
}
void push(struct book ele, int *tos, struct book stack[])
{
stack[++(*tos)]=ele;
}
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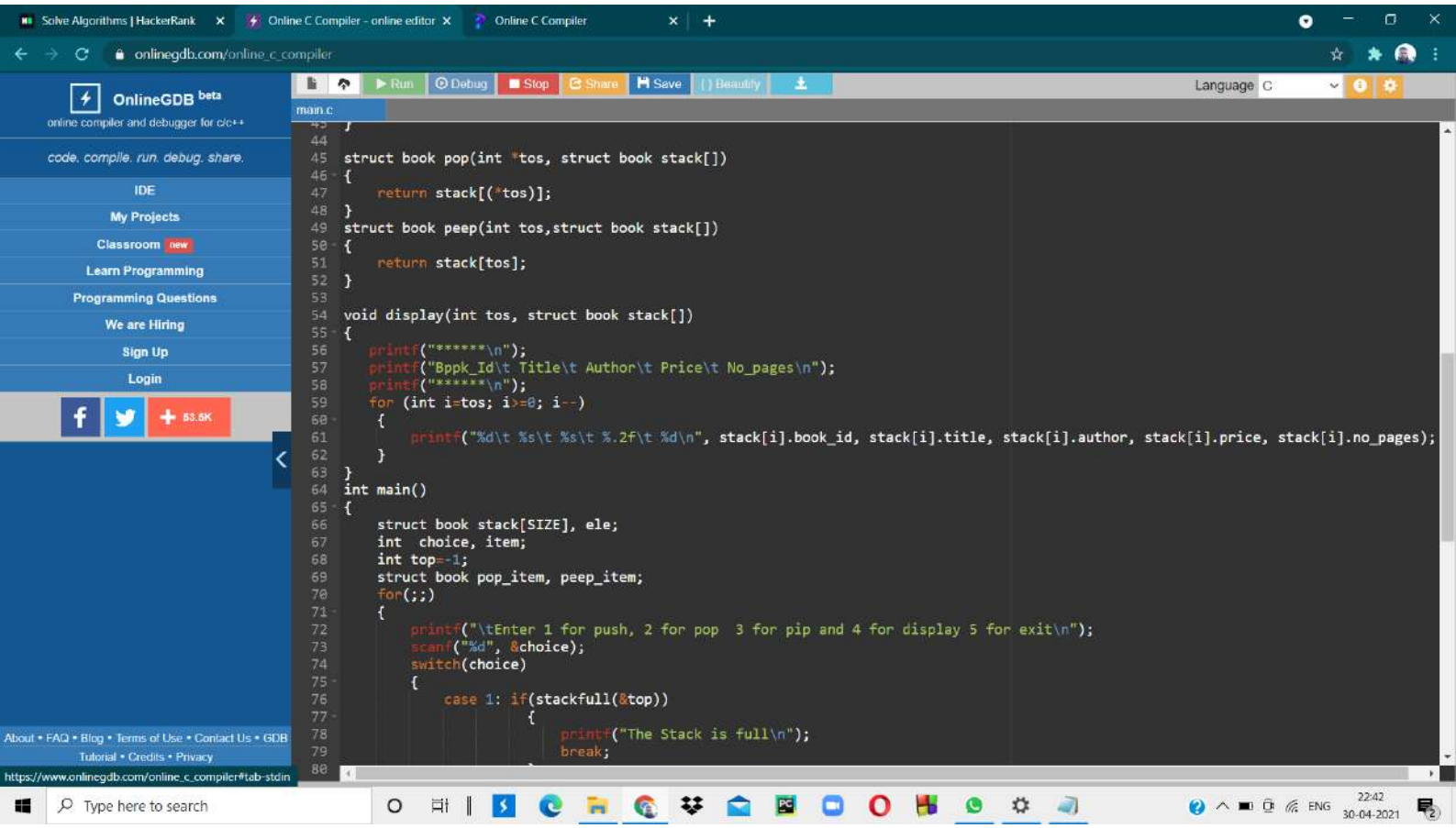
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{ } Beautify
Language C
main.c
}
struct book pop(int *tos, struct book stack[])
{
return stack[(*tos)];
}
struct book peep(int tos,struct book stack[])
{
return stack[tos];
}
void display(int tos, struct book stack[])
{
printf("******\n");
printf("Bppk_Id\t Title\t Author\t Price\t No_pages\n");
printf("******\n");
for (int i=tos; i>=0; i--)
{
printf("%d\t %s\t %s\t %.2f\t %d\n", stack[i].book_id, stack[i].title, stack[i].author, stack[i].price, stack[i].no_pages);
}
}
int main()
{
struct book stack[SIZE], ele;
int choice, item;
int top=-1;
struct book pop_item, peep_item;
for(;;)
{
printf("\tEnter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit\n");
scanf("%d", &choice);
switch(choice)
{
case 1: if(stackfull(&top))
{
printf("The Stack is full\n");
break;
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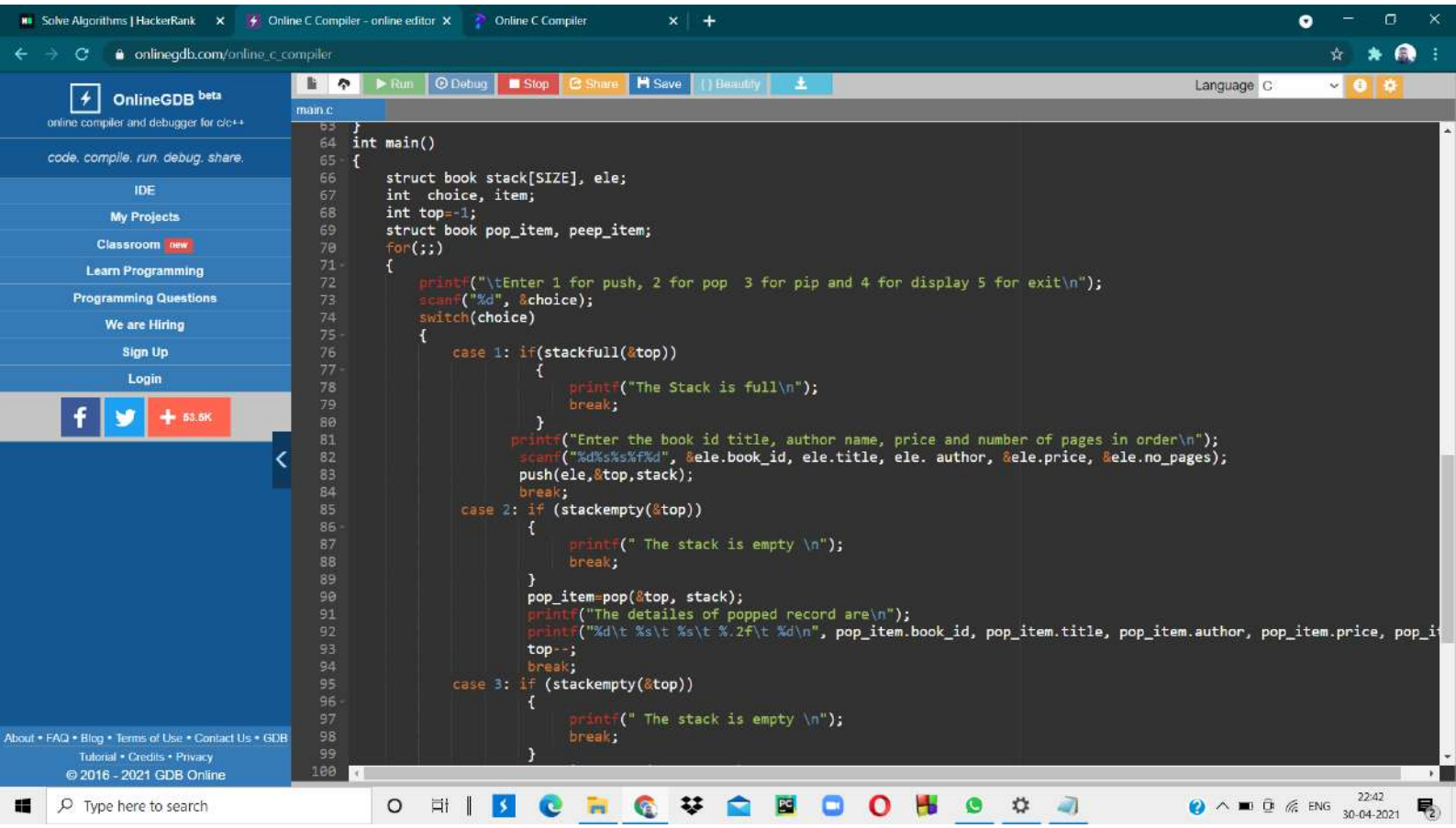
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Language C
main.c
}
int main()
{
struct book stack[SIZE], ele;
int choice, item;
int top=-1;
struct book pop_item, peep_item;
for(;;)
{
printf("\tEnter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit\n");
scanf("%d", &choice);
switch(choice)
{
case 1: if(stackfull(&top))
{
printf("The Stack is full\n");
break;
}
printf("Enter the book id title, author name, price and number of pages in order\n");
scanf("%d%s%s%f%d", &ele.book_id, ele.title, ele. author, &ele.price, &ele.no_pages);
push(ele,&top,stack);
break;
case 2: if (stackempty(&top))
{
printf(" The stack is empty \n");
break;
}
pop_item=pop(&top, stack);
printf("The detailes of popped record are\n");
printf("%d\t %s\t %s\t %.2f\t %d\n", pop_item.book_id, pop_item.title, pop_item.author, pop_item.price, pop_i
top--;
break;
case 3: if (stackempty(&top))
{
printf(" The stack is empty \n");
break;
}
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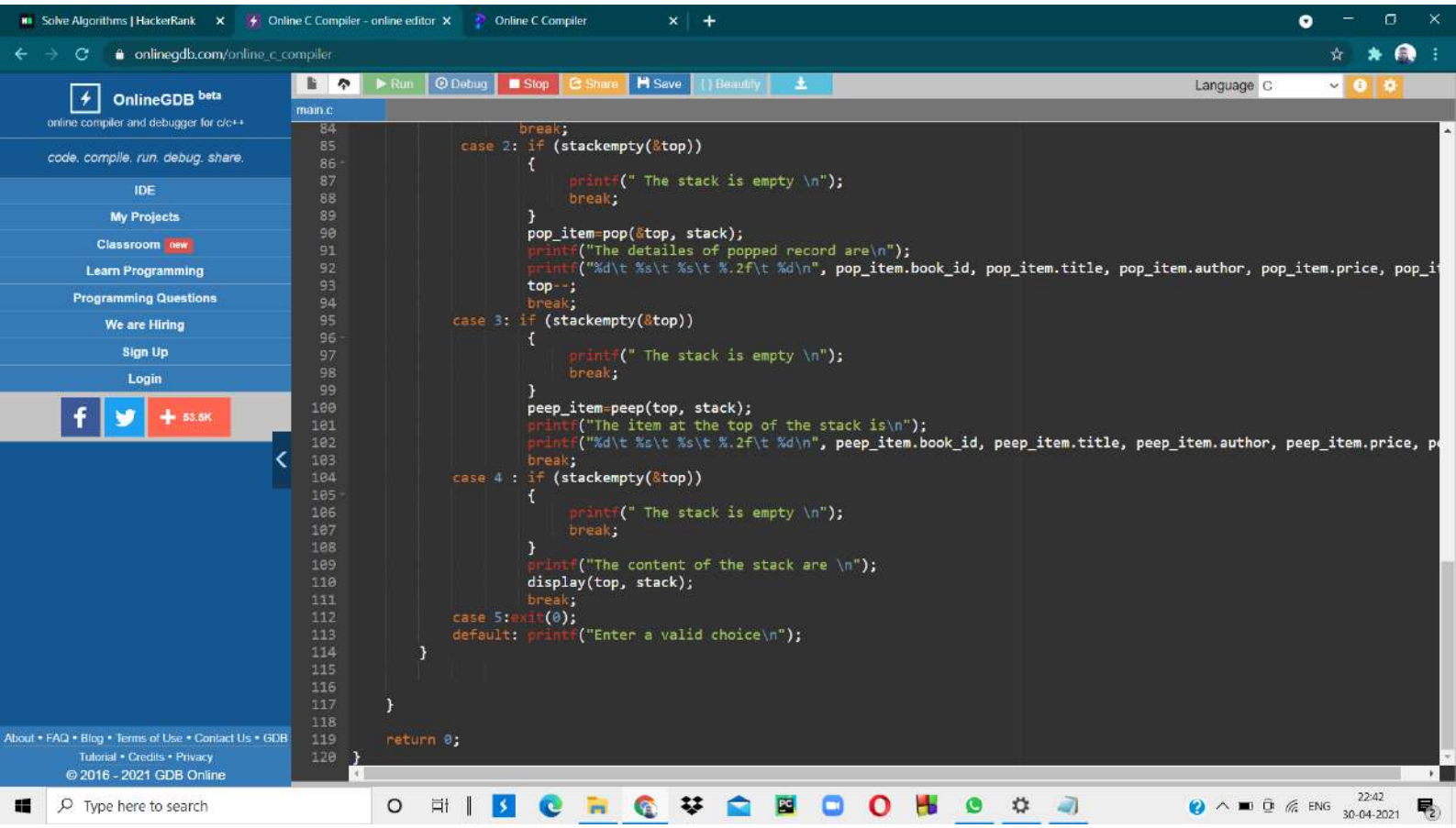
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{ } Beautify
Language C
main.c
break;
case 2: if (stackempty(&top))
{
printf(" The stack is empty \n");
break;
}
pop_item=pop(&top, stack);
printf("The detailes of popped record are\n");
printf("%d\t %s\t %s\t %.2f\t %d\n", pop_item.book_id, pop_item.title, pop_item.author, pop_item.price, pop_i
top--;
break;
case 3: if (stackempty(&top))
{
printf(" The stack is empty \n");
break;
}
peep_item=peep(top, stack);
printf("The item at the top of the stack is\n");
printf("%d\t %s\t %s\t %.2f\t %d\n", peep_item.book_id, peep_item.title, peep_item.author, peep_item.price, p
break;
case 4 : if (stackempty(&top))
{
printf(" The stack is empty \n");
break;
}
printf("The content of the stack are \n");
display(top, stack);
break;
case 5:exit(0);
default: printf("Enter a valid choice\n");
}
}
return 0;
}
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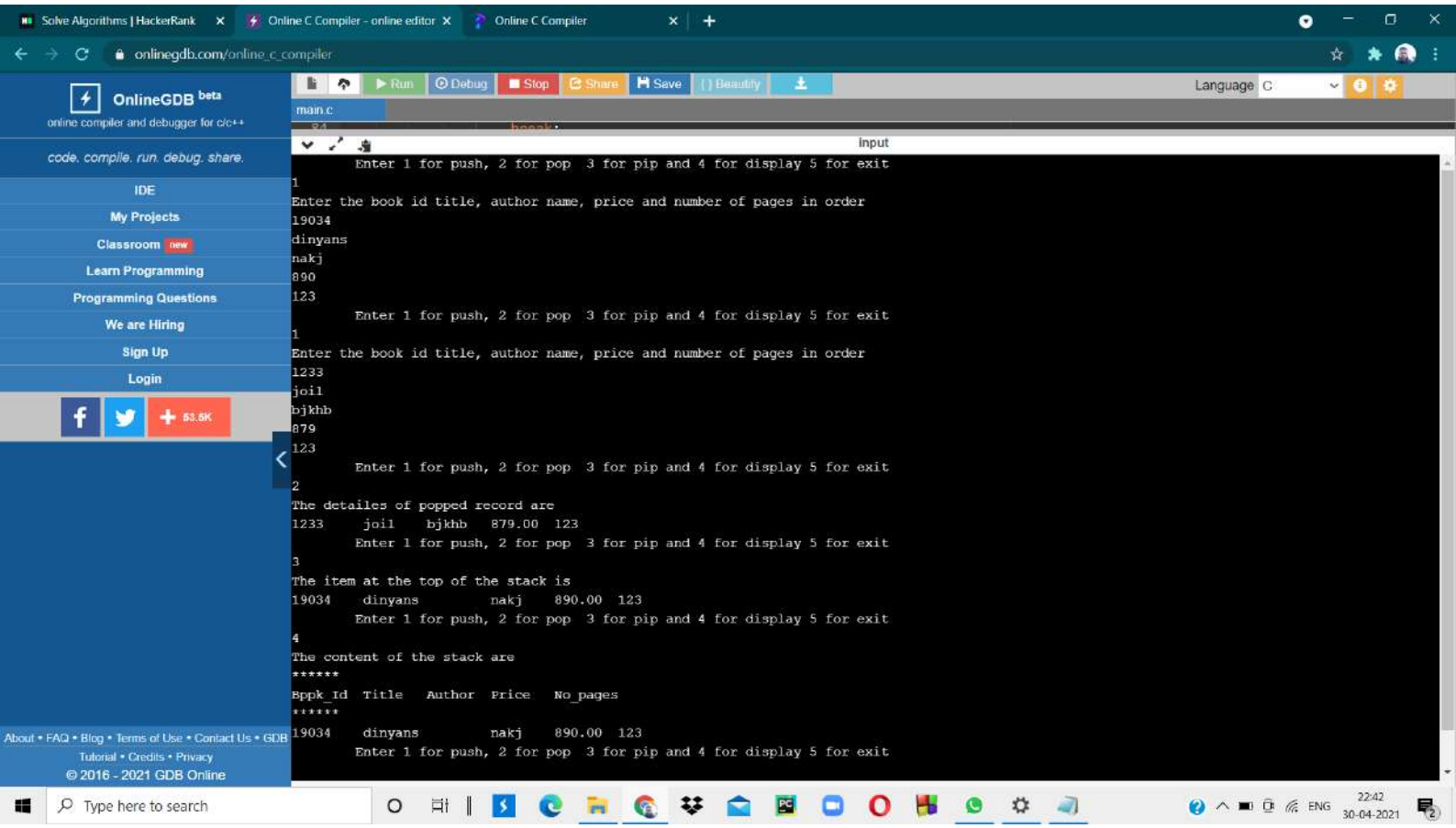
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{ } Beautify
Language C
main.c
input
Enter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit
1
Enter the book id title, author name, price and number of pages in order
19034
dinyans
nakj
890
123
Enter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit
1
Enter the book id title, author name, price and number of pages in order
1233
joil
bjkhb
879
123
Enter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit
2
The detailes of popped record are
1233 joil bjkhb 879.00 123
Enter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit
3
The item at the top of the stack is
19034 dinyans nakj 890.00 123
Enter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit
4
The content of the stack are
******
Bppk_Id Title Author Price No_pages
******
19034 dinyans nakj 890.00 123
Enter 1 for push, 2 for pop 3 for pip and 4 for display 5 for exit
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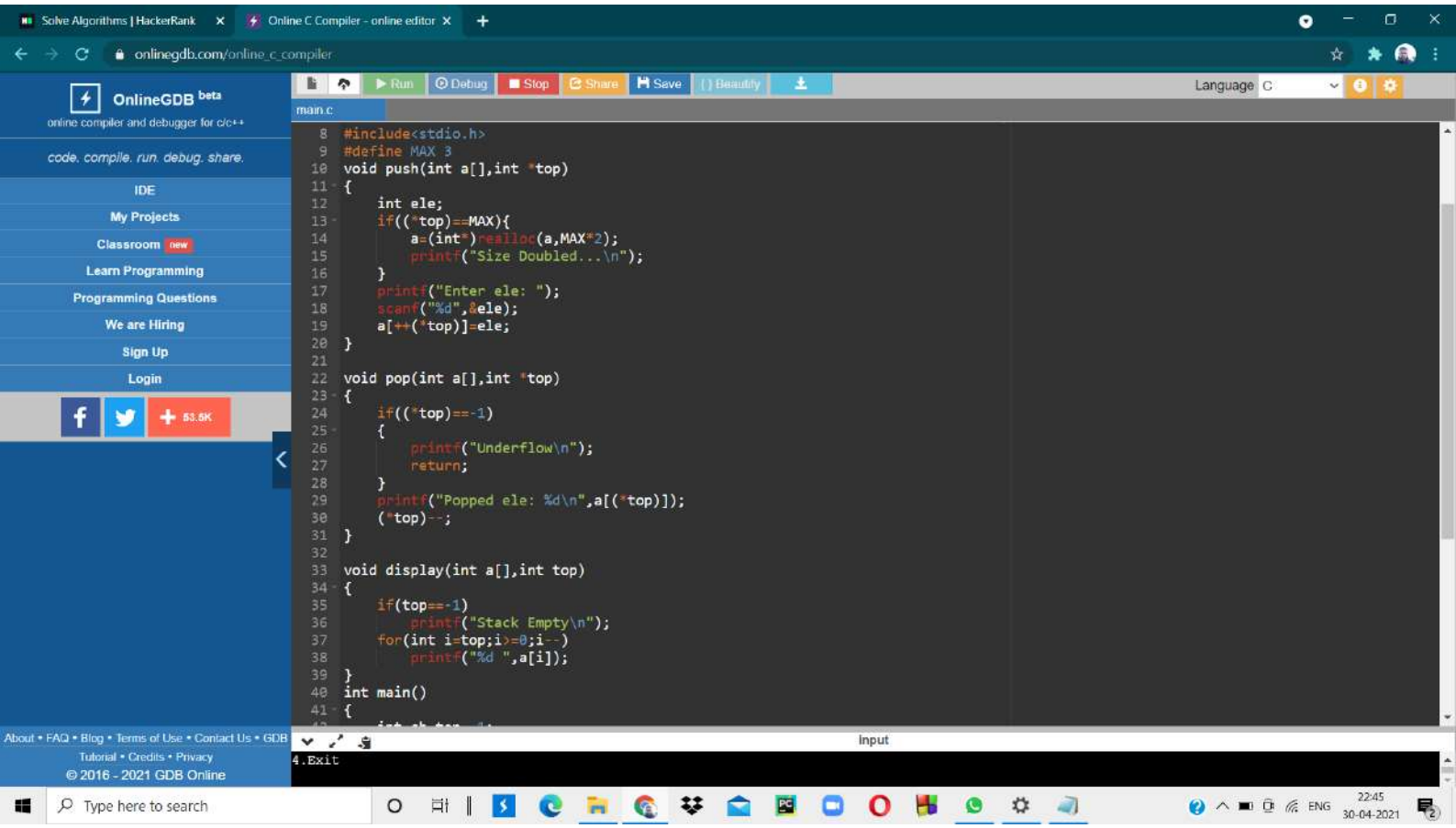
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Language C
main.c
#include<stdio.h>
#define MAX 3
void push(int a[],int *top)
{
int ele;
if((*top)==MAX){
a=(int*)realloc(a,MAX*2);
printf("Size Doubled...\n");
}
printf("Enter ele: ");
scanf("%d",&ele);
a[++(*top)]=ele;
}
void pop(int a[],int *top)
{
if((*top)==-1)
{
printf("Underflow\n");
return;
}
printf("Popped ele: %d\n",a[(*top)]);
(*top)--;
}
void display(int a[],int top)
{
if(top==-1)
printf("Stack Empty\n");
for(int i=top;i>=0;i--)
printf("%d ",a[i]);
}
int main()
{
Input
4.Exit
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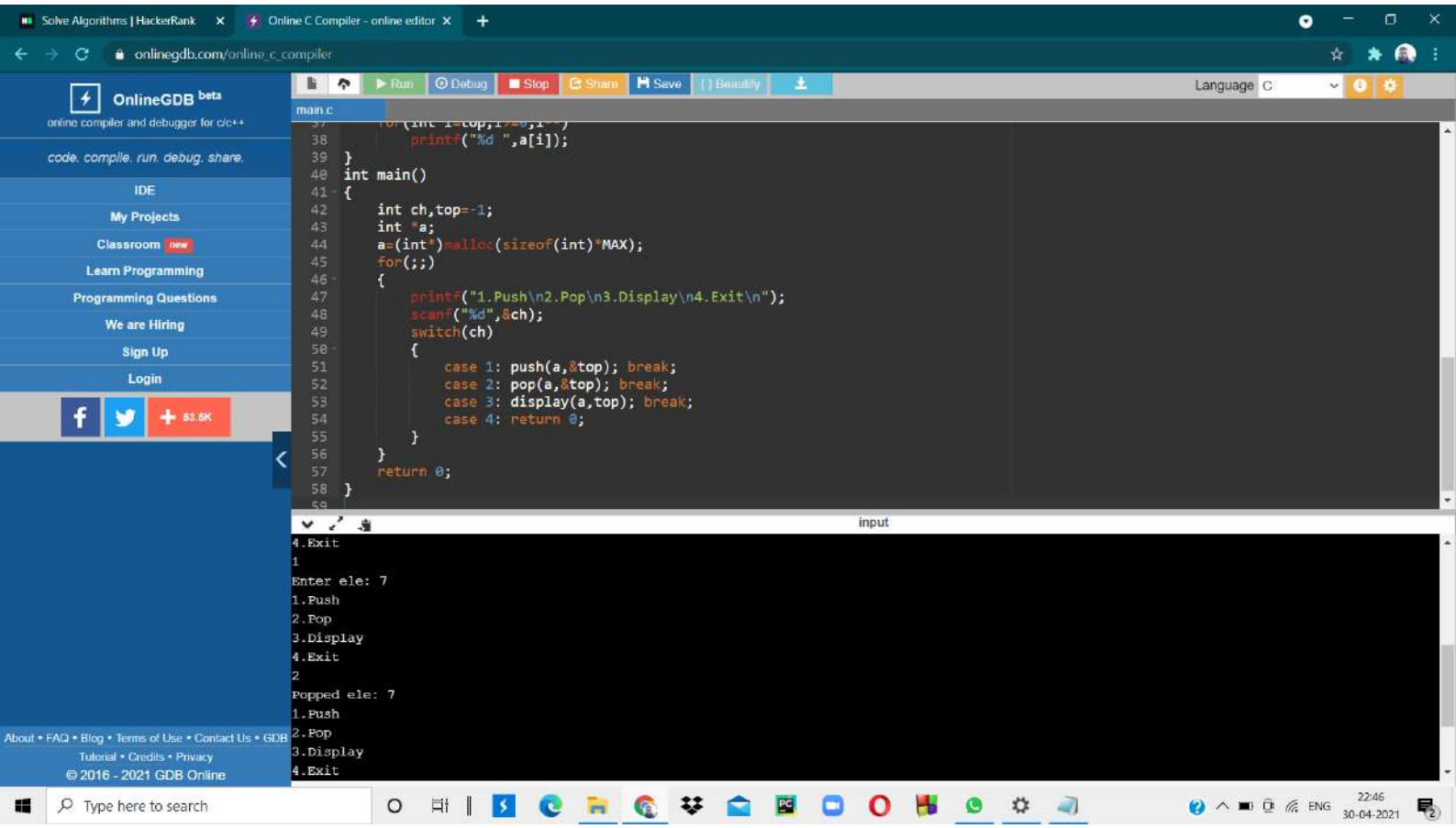
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Language C
main.c
printf("%d ",a[i]);
}
int main()
{
int ch,top=-1;
int *a;
a=(int*)malloc(sizeof(int)*MAX);
for(;;)
{
printf("1.Push\n2.Pop\n3.Display\n4.Exit\n");
scanf("%d",&ch);
switch(ch)
{
case 1: push(a,&top); break;
case 2: pop(a,&top); break;
case 3: display(a,top); break;
case 4: return 0;
}
}
return 0;
}
input
4.Exit
1
Enter ele: 7
1.Push
2.Pop
3.Display
4.Exit
2
Popped ele: 7
1.Push
2.Pop
3.Display
4.Exit
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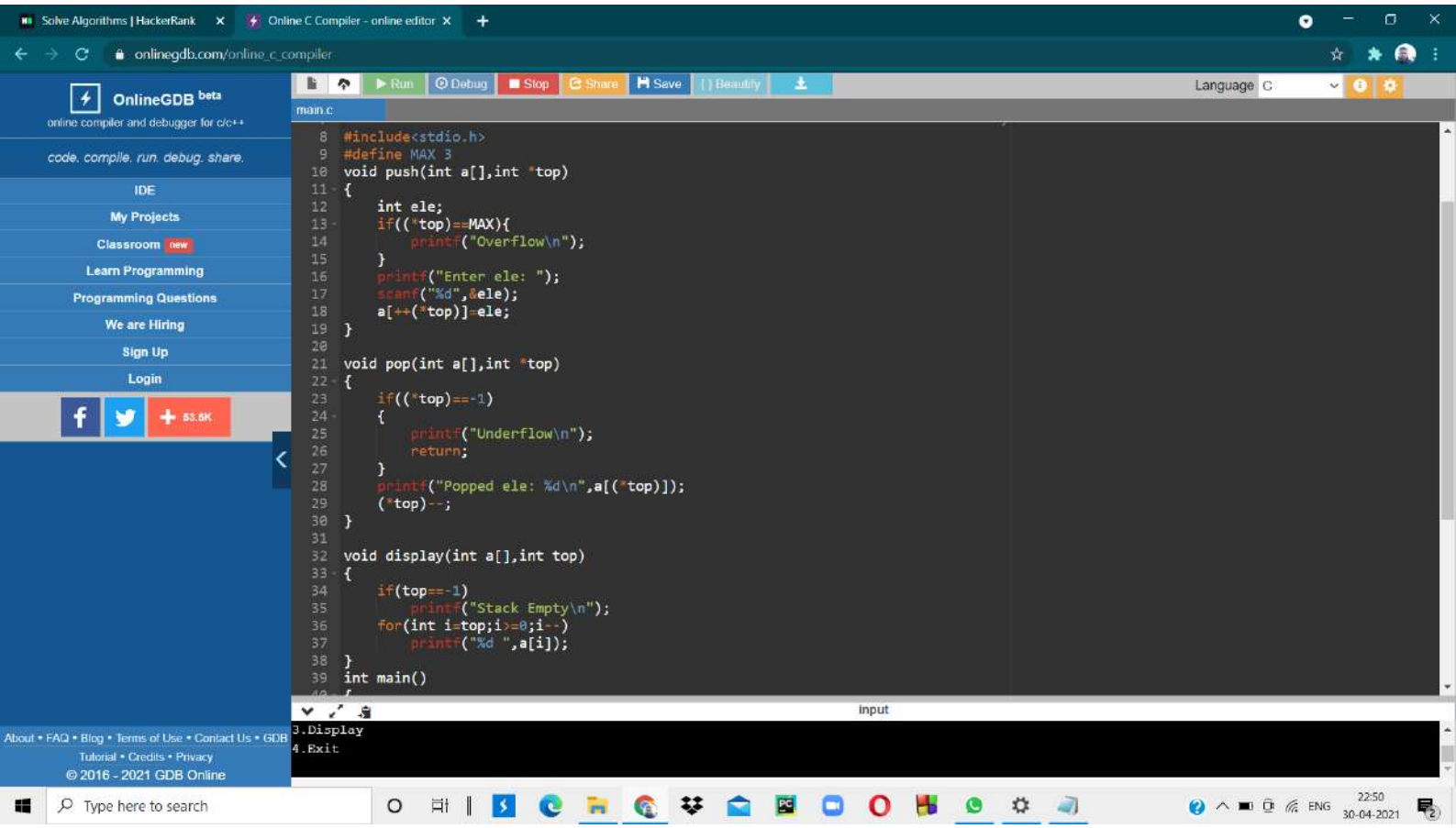
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{ } Beautify
Language C
main.c
#include<stdio.h>
#define MAX 3
void push(int a[],int *top)
{
int ele;
if((*top)==MAX){
printf("Overflow\n");
}
printf("Enter ele: ");
scanf("%d",&ele);
a[++(*top)]=ele;
}
void pop(int a[],int *top)
{
if((*top)==-1)
{
printf("Underflow\n");
return;
}
printf("Popped ele: %d\n",a[(*top)]);
(*top)--;
}
void display(int a[],int top)
{
if(top==-1)
printf("Stack Empty\n");
for(int i=top;i>=0;i--)
printf("%d ",a[i]);
}
int main()
Input
3.Display
4.Exit
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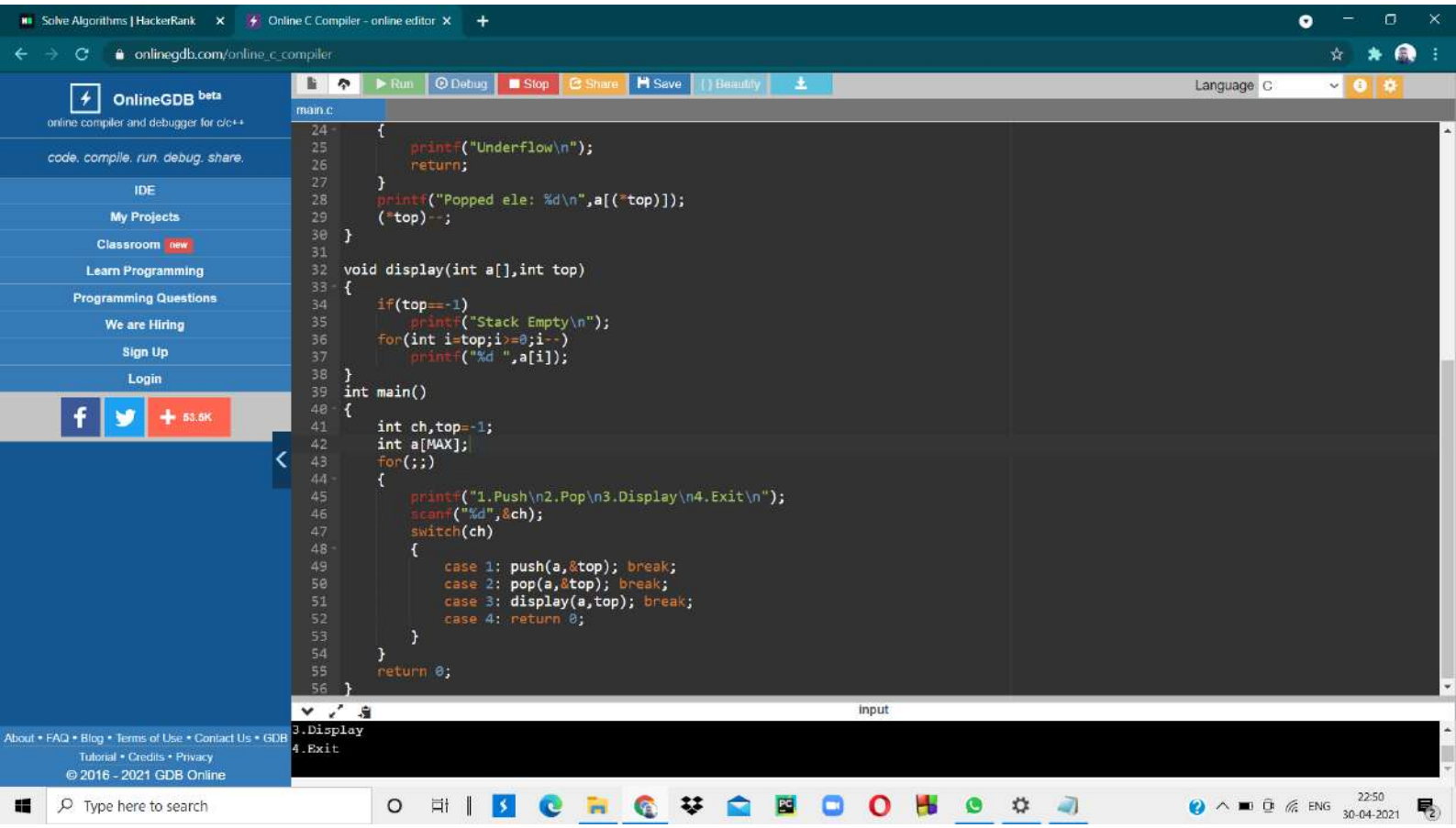
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{ } Beautify
Language C
main.c
{
printf("Underflow\n");
return;
}
printf("Popped ele: %d\n",a[(*top)]);
(*top)--;
}
void display(int a[],int top)
{
if(top==-1)
printf("Stack Empty\n");
for(int i=top;i>=0;i--)
printf("%d ",a[i]);
}
int main()
{
int ch,top=-1;
int a[MAX];
for(;;)
{
printf("1.Push\n2.Pop\n3.Display\n4.Exit\n");
scanf("%d",&ch);
switch(ch)
{
case 1: push(a,&top); break;
case 2: pop(a,&top); break;
case 3: display(a,top); break;
case 4: return 0;
}
}
return 0;
}
Input
3.Display
4.Exit
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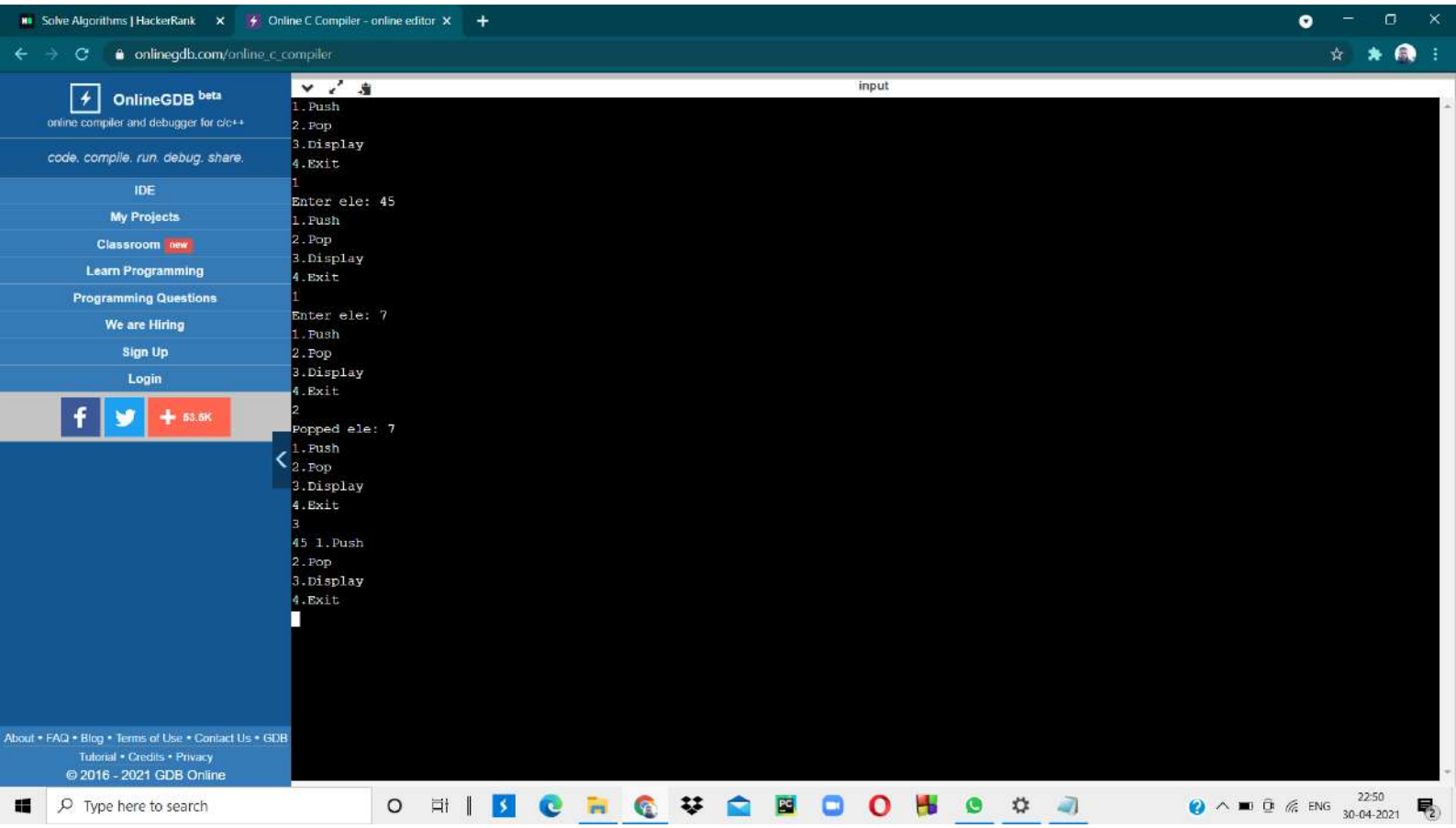
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input
1.Push
2.Pop
3.Display
4.Exit
1
Enter ele: 45
1.Push
2.Pop
3.Display
4.Exit
1
Enter ele: 7
1.Push
2.Pop
3.Display
4.Exit
2
Popped ele: 7
1.Push
2.Pop
3.Display
4.Exit
3
45 1.Push
2.Pop
3.Display
4.Exit
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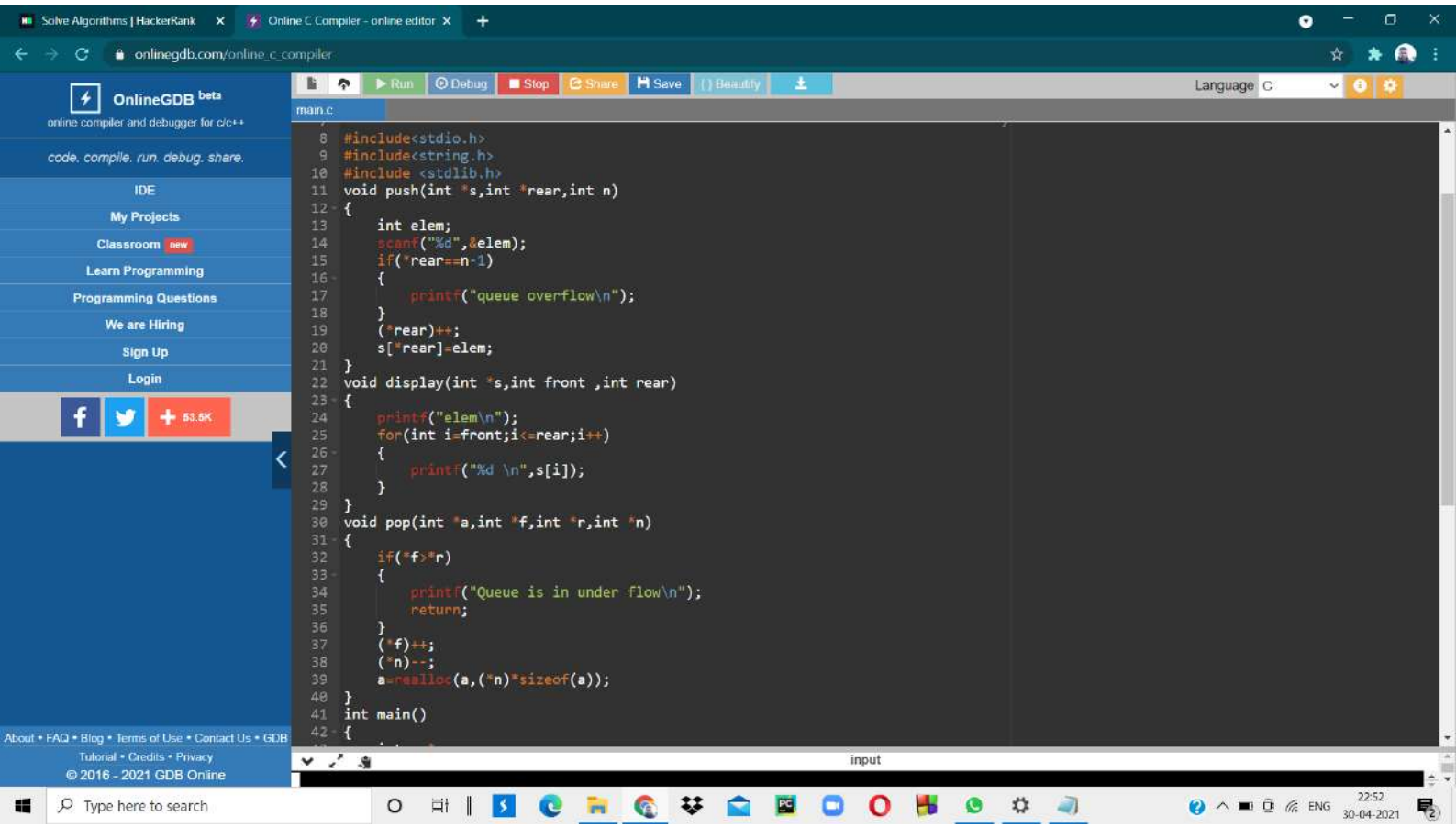
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Language C
main.c
#include<stdio.h>
#include<string.h>
#include <stdlib.h>
void push(int *s,int *rear,int n)
{
int elem;
scanf("%d",&elem);
if(*rear==n-1)
{
printf("queue overflow\n");
}
(*rear)++;
s[*rear]=elem;
}
void display(int *s,int front ,int rear)
{
printf("elem\n");
for(int i=front;i<=rear;i++)
{
printf("%d \n",s[i]);
}
}
void pop(int *a,int *f,int *r,int *n)
{
if(*f>*r)
{
printf("Queue is in under flow\n");
return;
}
(*f)++;
(*n)--;
a=realloc(a,(*n)*sizeof(a));
}
int main()
{
input
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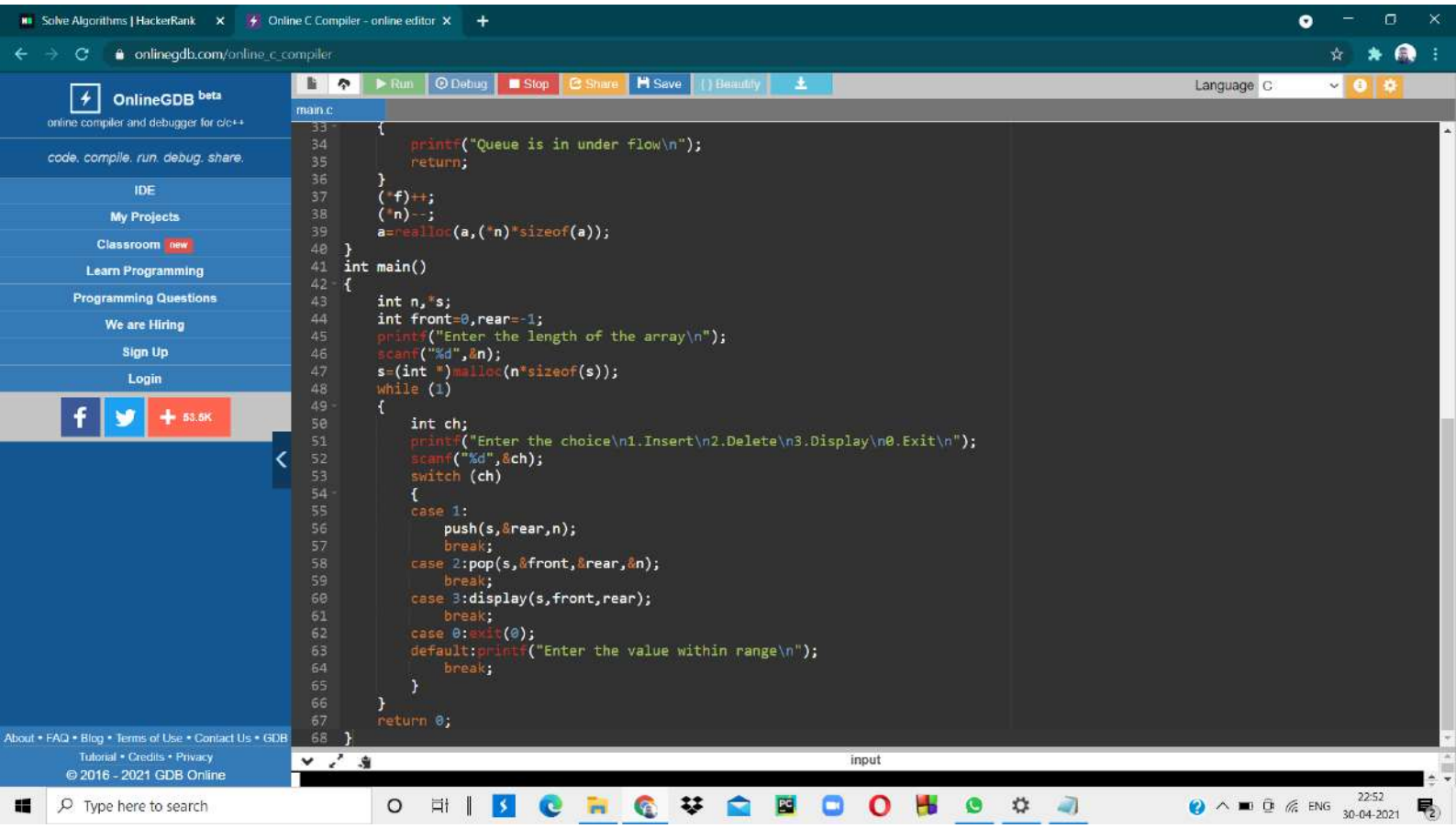
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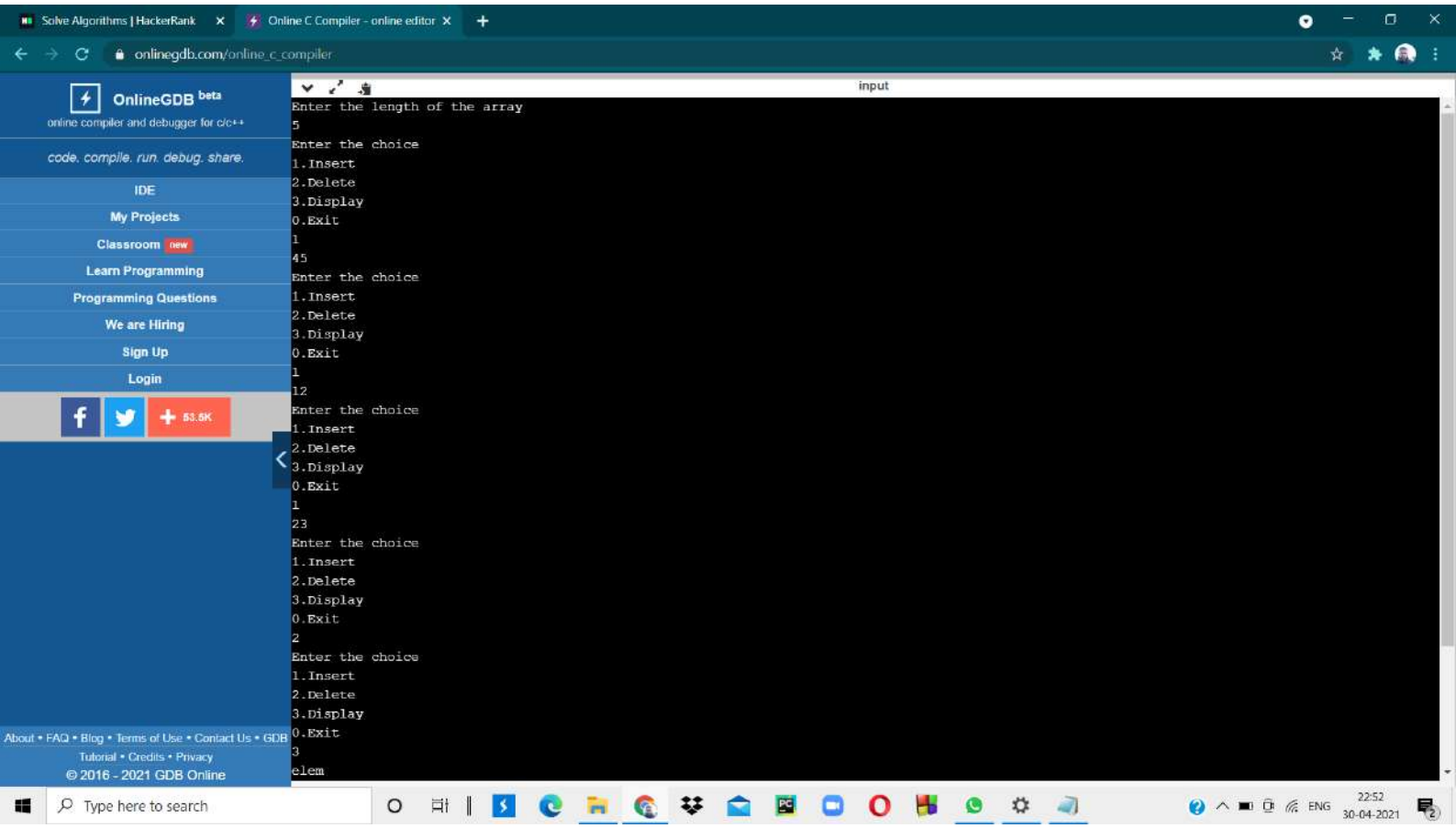
{ } Beautify
Language C
main.c
{
printf("Queue is in under flow\n");
return;
}
(*f)++;
(*n)--;
a=realloc(a,(*n)*sizeof(a));
}
int main()
{
int n,*s;
int front=0,rear=-1;
printf("Enter the length of the array\n");
scanf("%d",&n);
s=(int *)malloc(n*sizeof(s));
while (1)
{
int ch;
printf("Enter the choice\n1.Insert\n2.Delete\n3.Display\n0.Exit\n");
scanf("%d",&ch);
switch (ch)
{
case 1:
push(s,&rear,n);
break;
case 2:pop(s,&front,&rear,&n);
break;
case 3:display(s,front,rear);
break;
case 0:exit(0);
default:printf("Enter the value within range\n");
break;
}
}
return 0;
}
input
Type here to search
ENG
22:52
30-04-2021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input
Enter the length of the array
5
Enter the choice
1.Insert
2.Delete
3.Display
0.Exit
1
45
Enter the choice
1.Insert
2.Delete
3.Display
0.Exit
1
12
Enter the choice
1.Insert
2.Delete
3.Display
0.Exit
1
23
Enter the choice
1.Insert
2.Delete
3.Display
0.Exit
2
Enter the choice
1.Insert
2.Delete
3.Display
0.Exit
3
elem
Type here to search
ENG
22:52
30-04-2021