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repl.it/repls/TruthfulSupportiveSolution#main.c

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Files

main.c

```c
//input restricted
#include<stdio.h>
#define qsize 5
int f=0,r=-1,ch;
int item,q[10];

int isfull()
  {
   return(r==qsize-1)?1:0;
  }
int isempty()
  {
   return(f>r)?1:0;
  }
void insert_rear()
  {
   if(isfull())
   {
    printf("queue overflow\n");
    return;
   }
   r=r+1;
   q[r]=item;
  }
void delete_front()
```

```
> clang-7 -pthread -lm -o main main.c
> ./main
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
1
enter the item
10
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
1
enter the item
20
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
1
enter the item
30
1.insert_rear
```

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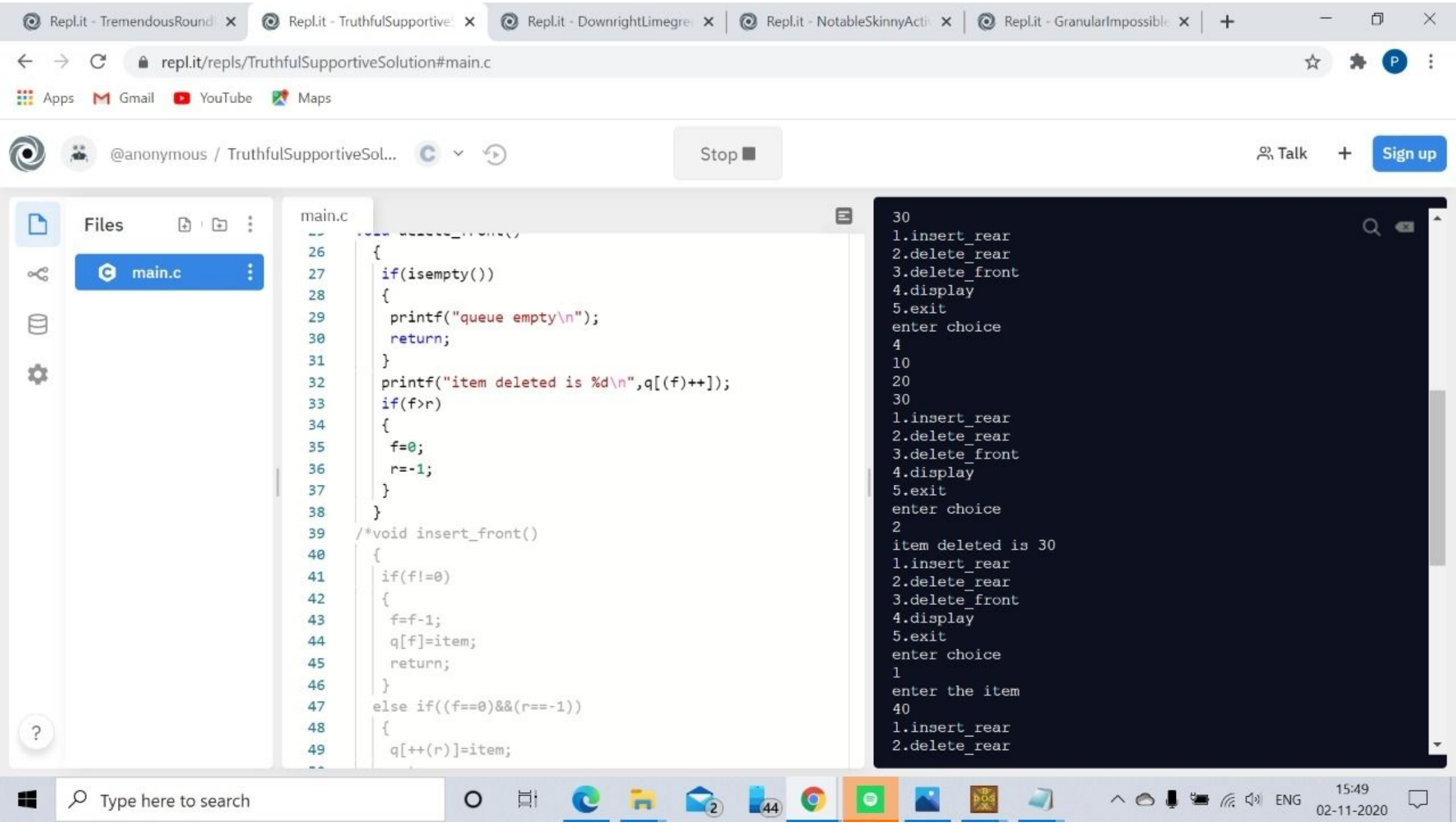
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Apps
Gmail
YouTube
Maps
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Stop
Talk
Sign up
Files
main.c
main.c
{
if(isempty())
{
printf("queue empty\n");
return;
}
printf("item deleted is %d\n",q[(f)++]);
if(f>r)
{
f=0;
r=-1;
}
}
/*void insert_front()
{
if(f!=0)
{
f=f-1;
q[f]=item;
return;
}
else if((f==0)&&(r==-1))
{
q[++(r)]=item;
30
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
4
10
20
30
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
2
item deleted is 30
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
1
enter the item
40
1.insert_rear
2.delete_rear
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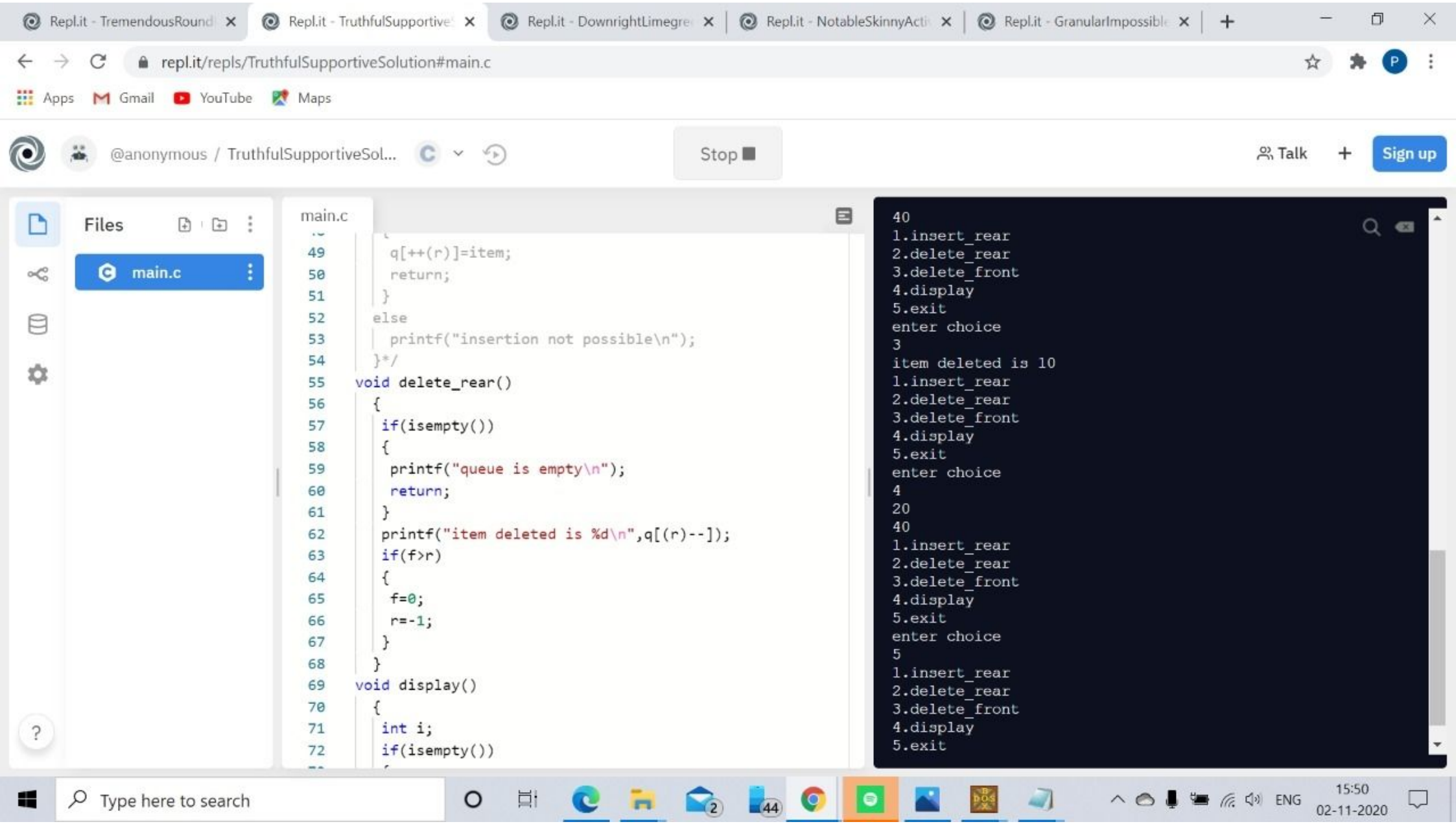
ENG
15:49
02-11-2020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Apps
Gmail
YouTube
Maps
@anonymous / TruthfulSupportiveSol...
Stop
Talk
Sign up
Files
main.c
main.c
49 q[++(r)]=item;
50 return;
51 }
52 else
53 printf("insertion not possible\n");
54 }*/
55 void delete_rear()
56 {
57 if(isempty())
58 {
59 printf("queue is empty\n");
60 return;
61 }
62 printf("item deleted is %d\n",q[(r)--]);
63 if(f>r)
64 {
65 f=0;
66 r=-1;
67 }
68 }
69 void display()
70 {
71 int i;
72 if(isempty())
40
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
3
item deleted is 10
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
4
20
40
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
5
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
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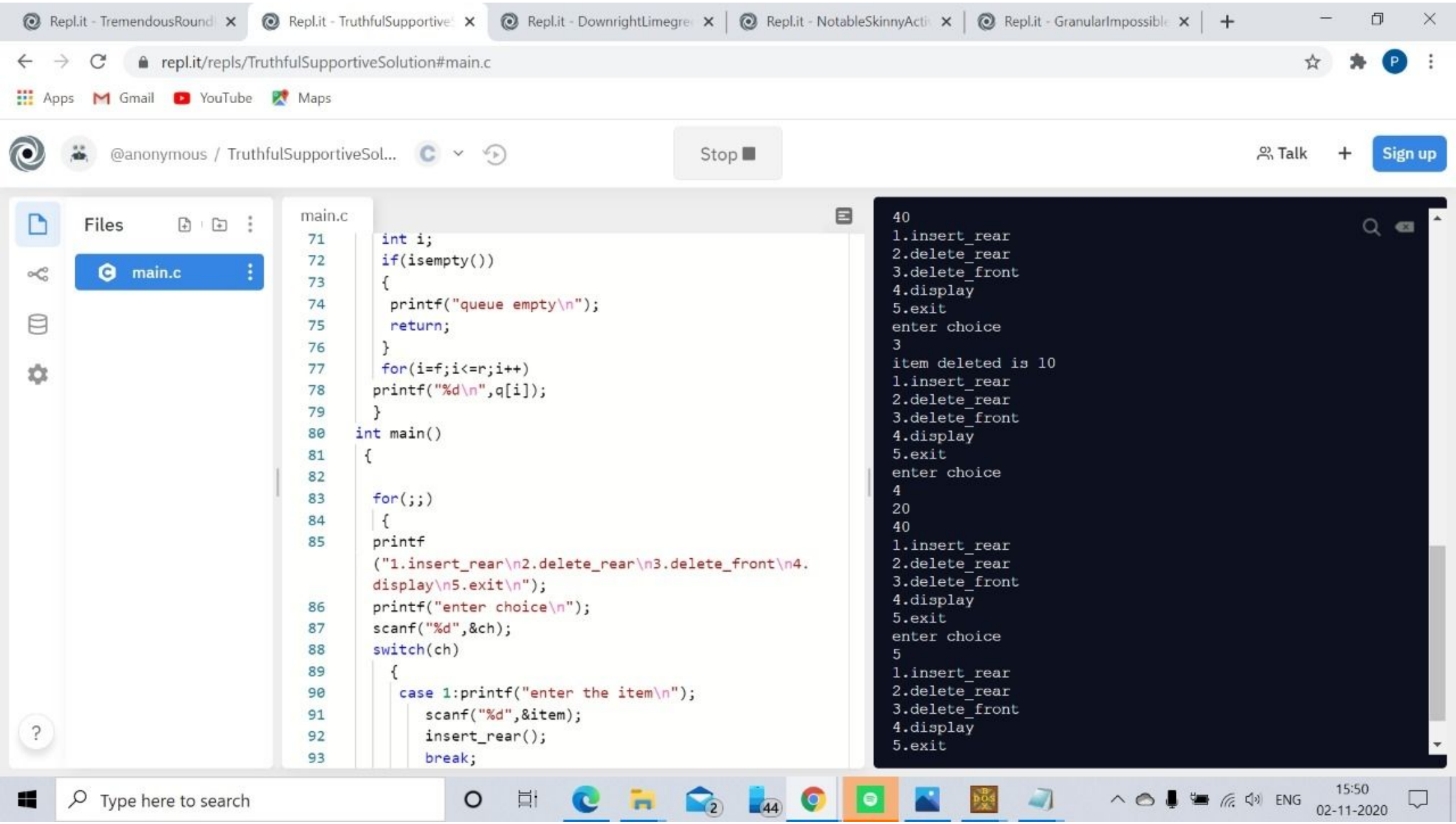
ENG
15:50
02-11-2020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Apps
Gmail
YouTube
Maps
@anonymous / TruthfulSupportiveSol...
Stop
Talk
Sign up
Files
main.c
main.c
71 int i;
72 if(isempty())
73 {
74 printf("queue empty\n");
75 return;
76 }
77 for(i=f;i<=r;i++)
78 printf("%d\n",q[i]);
79 }
80 int main()
81 {
82
83 for(;;)
84 {
85 printf
("1.insert_rear\n2.delete_rear\n3.delete_front\n4.
display\n5.exit\n");
86 printf("enter choice\n");
87 scanf("%d",&ch);
88 switch(ch)
89 {
90 case 1:printf("enter the item\n");
91 scanf("%d",&item);
92 insert_rear();
93 break;
40
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
3
item deleted is 10
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
4
20
40
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
5
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
Type here to search
ENG
15:50
02-11-2020

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Files

main.c

```c
    case 1:printf("enter the item\n");
           scanf("%d",&item);
           insert_rear();
           break;
    /*case 2:printf("enter the item\n");
           scanf("%d",&item);
           insert_front();
           break;*/
    case 2:delete_rear();
           break;
    case 3:delete_front();
           break;
    case 4:display();
           break;

   }
}
 return 0;
}
```

```
40
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
3
item deleted is 10
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
4
20
40
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
enter choice
5
1.insert_rear
2.delete_rear
3.delete_front
4.display
5.exit
```

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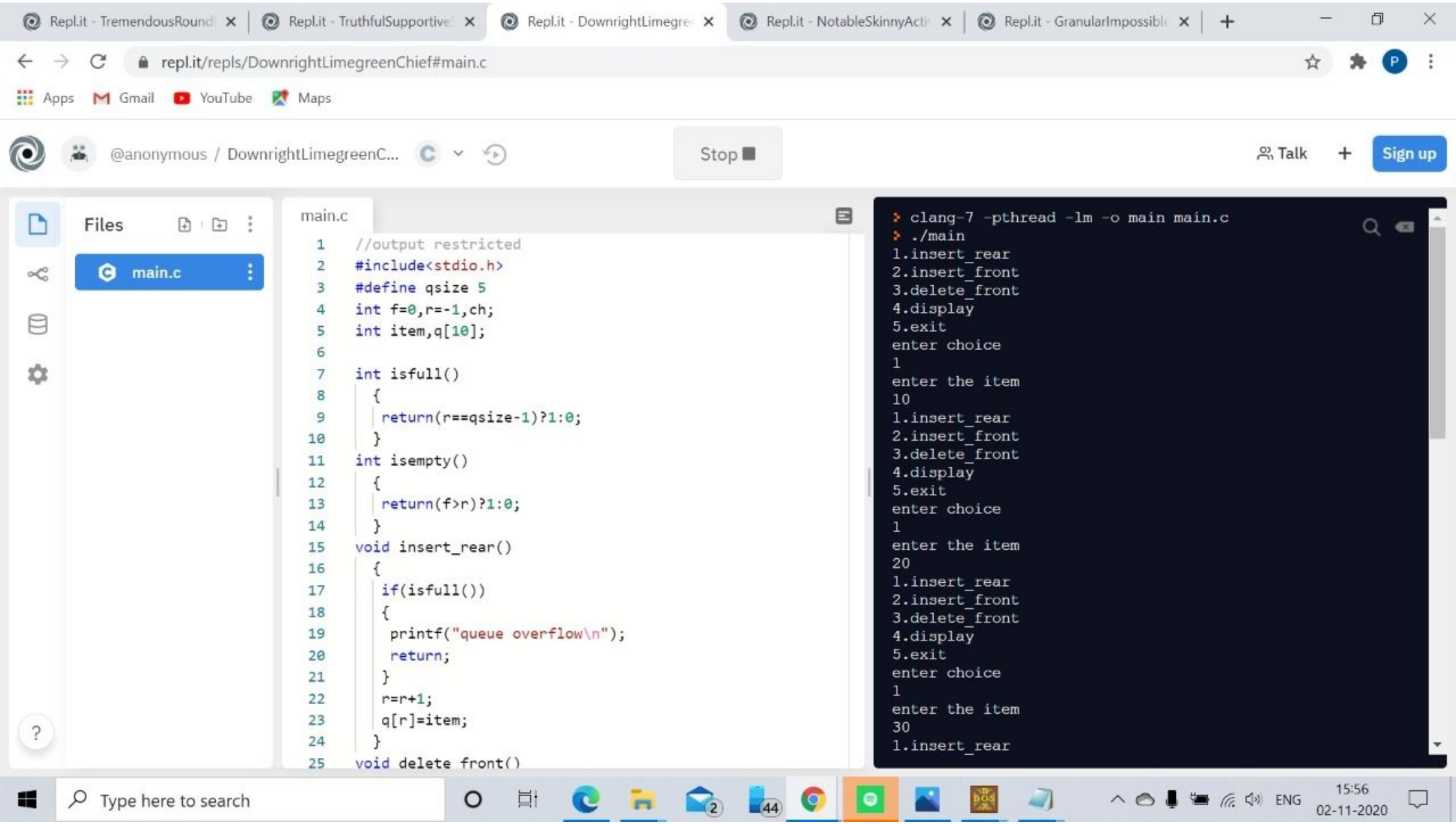
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Repl.it - GranularImpossible
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Apps
Gmail
YouTube
Maps
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Stop
Talk
Sign up
Files
main.c
main.c
1 //output restricted
2 #include<stdio.h>
3 #define qsize 5
4 int f=0,r=-1,ch;
5 int item,q[10];
6
7 int isfull()
8 {
9 return(r==qsize-1)?1:0;
10 }
11 int isempty()
12 {
13 return(f>r)?1:0;
14 }
15 void insert_rear()
16 {
17 if(isfull())
18 {
19 printf("queue overflow\n");
20 return;
21 }
22 r=r+1;
23 q[r]=item;
24 }
25 void delete_front()
clang-7 -pthread -lm -o main main.c
./main
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
1
enter the item
10
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
1
enter the item
20
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
1
enter the item
30
1.insert_rear
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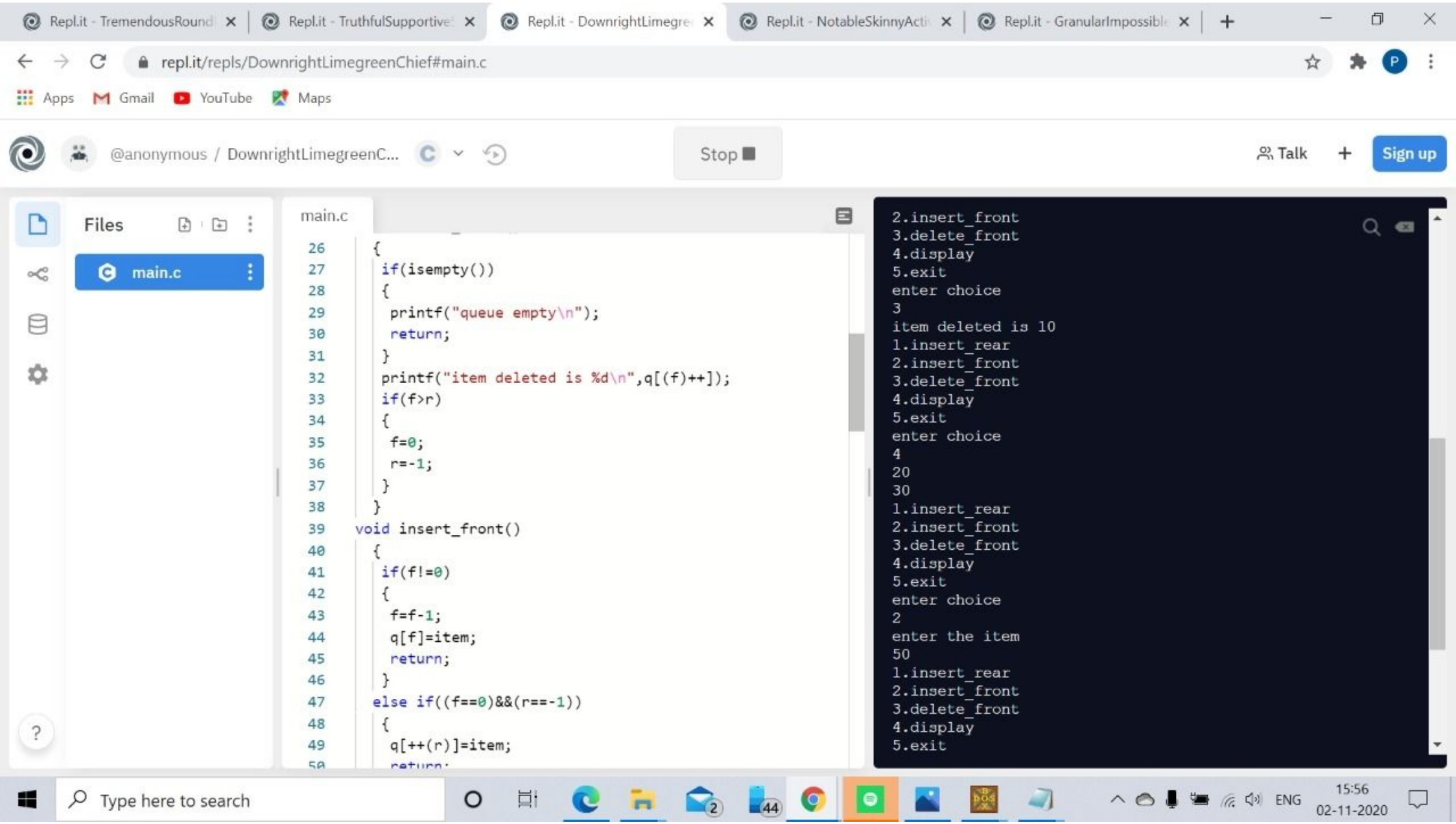
ENG
15:56
02-11-2020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Apps
Gmail
YouTube
Maps
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Stop
Talk
Sign up
Files
main.c
main.c
{
if(isempty())
{
printf("queue empty\n");
return;
}
printf("item deleted is %d\n",q[(f)++]);
if(f>r)
{
f=0;
r=-1;
}
}
void insert_front()
{
if(f!=0)
{
f=f-1;
q[f]=item;
return;
}
else if((f==0)&&(r==-1))
{
q[++(r)]=item;
2.insert_front
3.delete_front
4.display
5.exit
enter choice
3
item deleted is 10
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
4
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
2
enter the item
50
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
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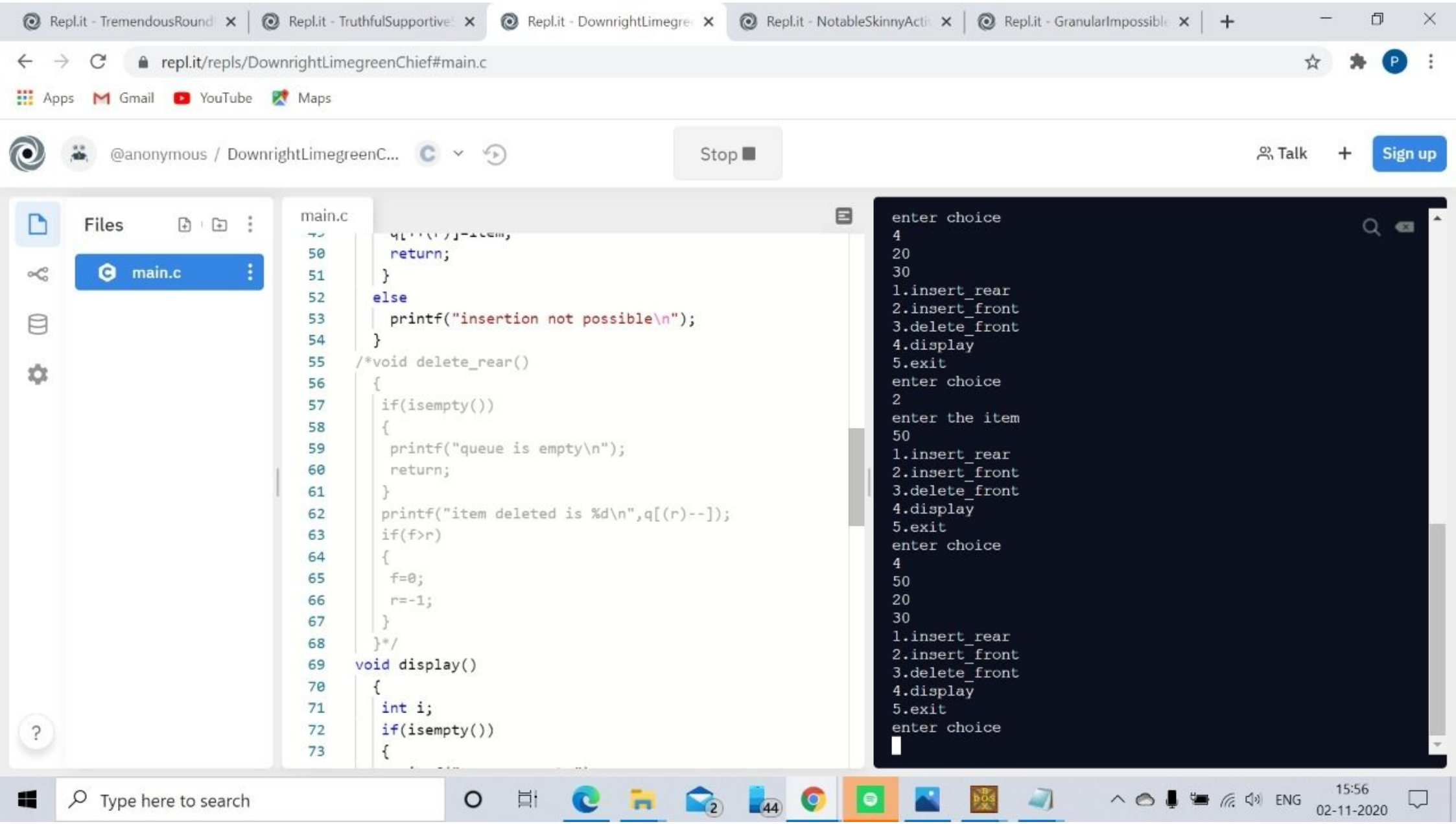
ENG
15:56
02-11-2020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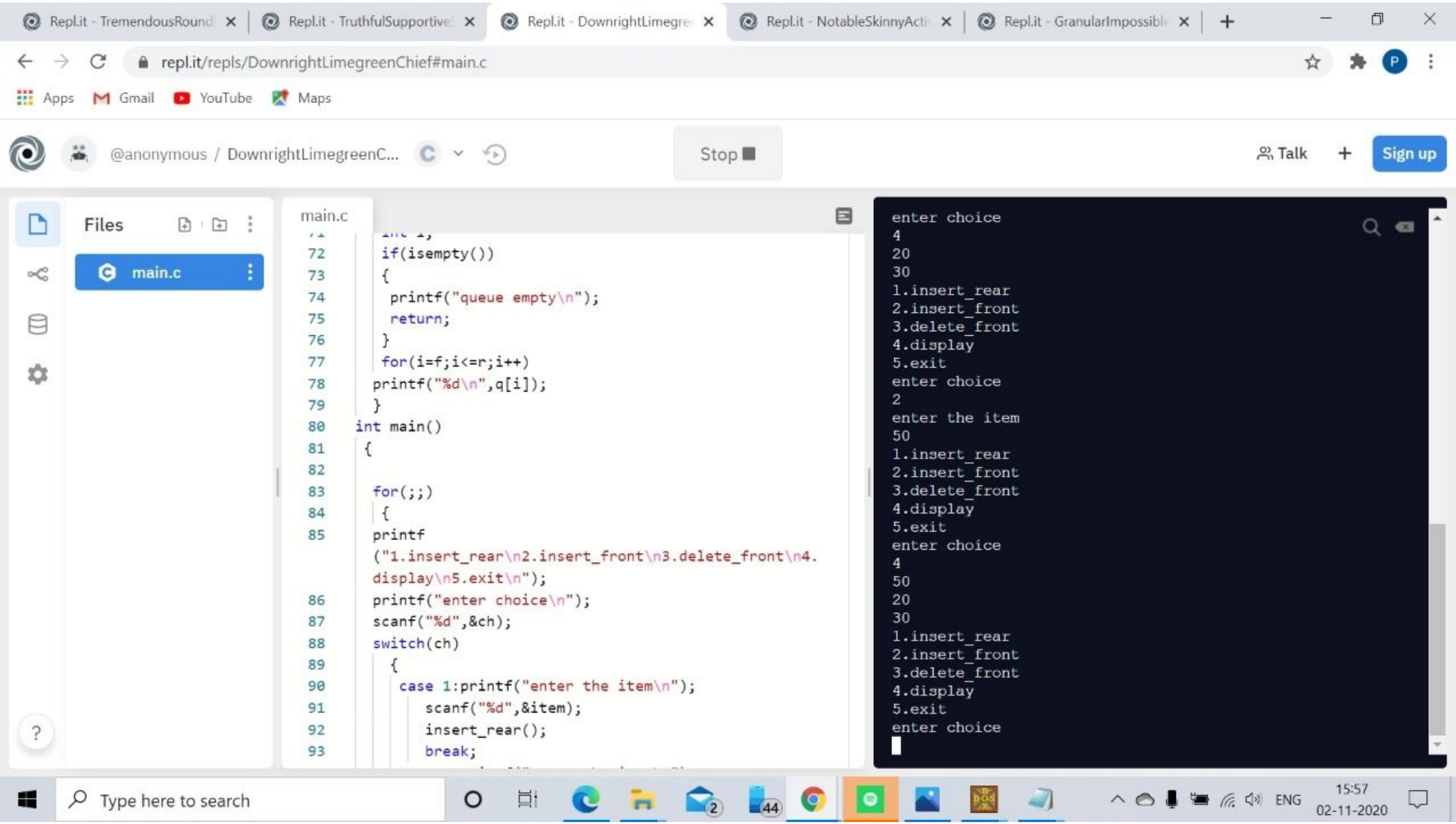
Apps
Gmail
YouTube
Maps
@anonymous / DownrightLimegreenC...
Stop
Talk
Sign up
Files
main.c
main.c
50 return;
51 }
52 else
53 printf("insertion not possible\n");
54 }
55 /*void delete_rear()
56 {
57 if(isempty())
58 {
59 printf("queue is empty\n");
60 return;
61 }
62 printf("item deleted is %d\n",q[(r)--]);
63 if(f>r)
64 {
65 f=0;
66 r=-1;
67 }
68 }*/
69 void display()
70 {
71 int i;
72 if(isempty())
73 {
enter choice
4
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
2
enter the item
50
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
4
50
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
Type here to search
ENG
15:56
02-11-2020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Repl.it - NotableSkinnyActi
Repl.it - GranularImpossibl
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Apps
Gmail
YouTube
Maps
@anonymous / DownrightLimegreenC...
Stop
Talk
Sign up
Files
main.c
main.c
if(isempty())
{
printf("queue empty\n");
return;
}
for(i=f;i<=r;i++)
printf("%d\n",q[i]);
}
int main()
{
for(;;)
{
printf
("1.insert_rear\n2.insert_front\n3.delete_front\n4.
display\n5.exit\n");
printf("enter choice\n");
scanf("%d",&ch);
switch(ch)
{
case 1:printf("enter the item\n");
scanf("%d",&item);
insert_rear();
break;
enter choice
4
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
2
enter the item
50
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
4
50
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
Type here to search
ENG
15:57
02-11-2020

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Files

main.c

```
92          insert_rear();
93          break;
94      case 2:printf("enter the item\n");
95          scanf("%d",&item);
96          insert_front();
97          break;
98      /* case 3:delete_rear();
99          break;*/
100     case 3:delete_front();
101         break;
102     case 4:display();
103         break;
104
105     }
106 }
107
108 }
```

```
enter choice
4
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
2
enter the item
50
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
4
50
20
30
1.insert_rear
2.insert_front
3.delete_front
4.display
5.exit
enter choice
```

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