File Edit Selection View Go Run Terminal Help — Q1.c - C language - Visual Studio Code

EXPLORER

OPEN EDITORS
- Q1.c Sem3\Assig...
- Q2.c Sem3\Assig...

C LANGUAGE
- Stack.c
- Stack.exe
- Anagram.c
- Anagram.exe
- Assignment_1.exe
- HCF.c
- HCF.exe
- LCM.exe
- Sequence.c
- String.c
- Try.exe
- File
- PVScode
- Sem1
- Sem2
- Sem3
  - Assignment 1
  - Assignment 2
  - Assignment 3
  - Assignment 4
  - Assignment 4.1
  - Assignment 5
  - Assignment 5.1
  - Assignment 6
    - Q1.c
    - Q1.exe
    - Q2.c
    - Q2.exe
  - VS_Sem2
- letusc-yashwantkanet...

OUTLINE

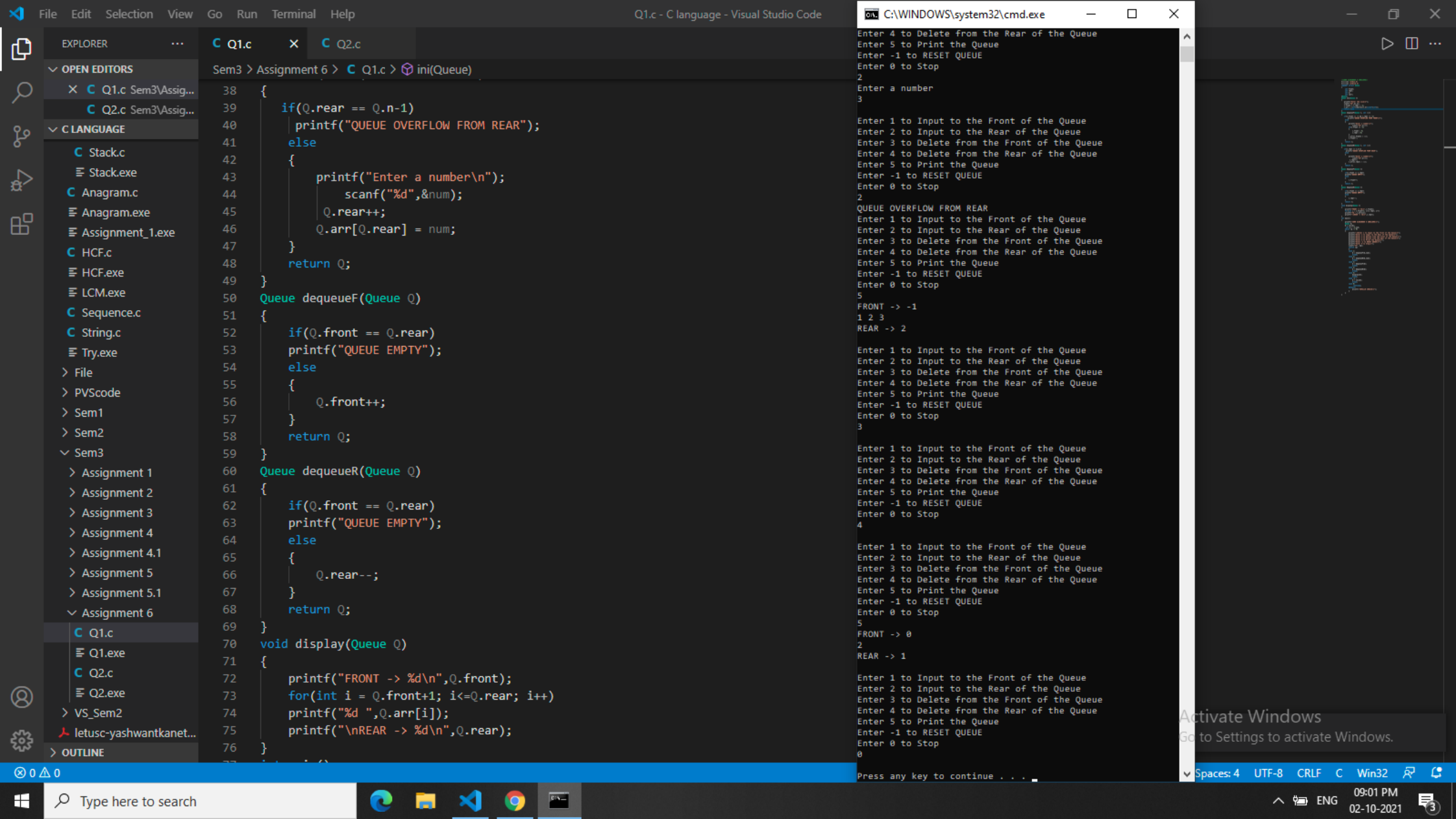
Q1.c | Q2.c

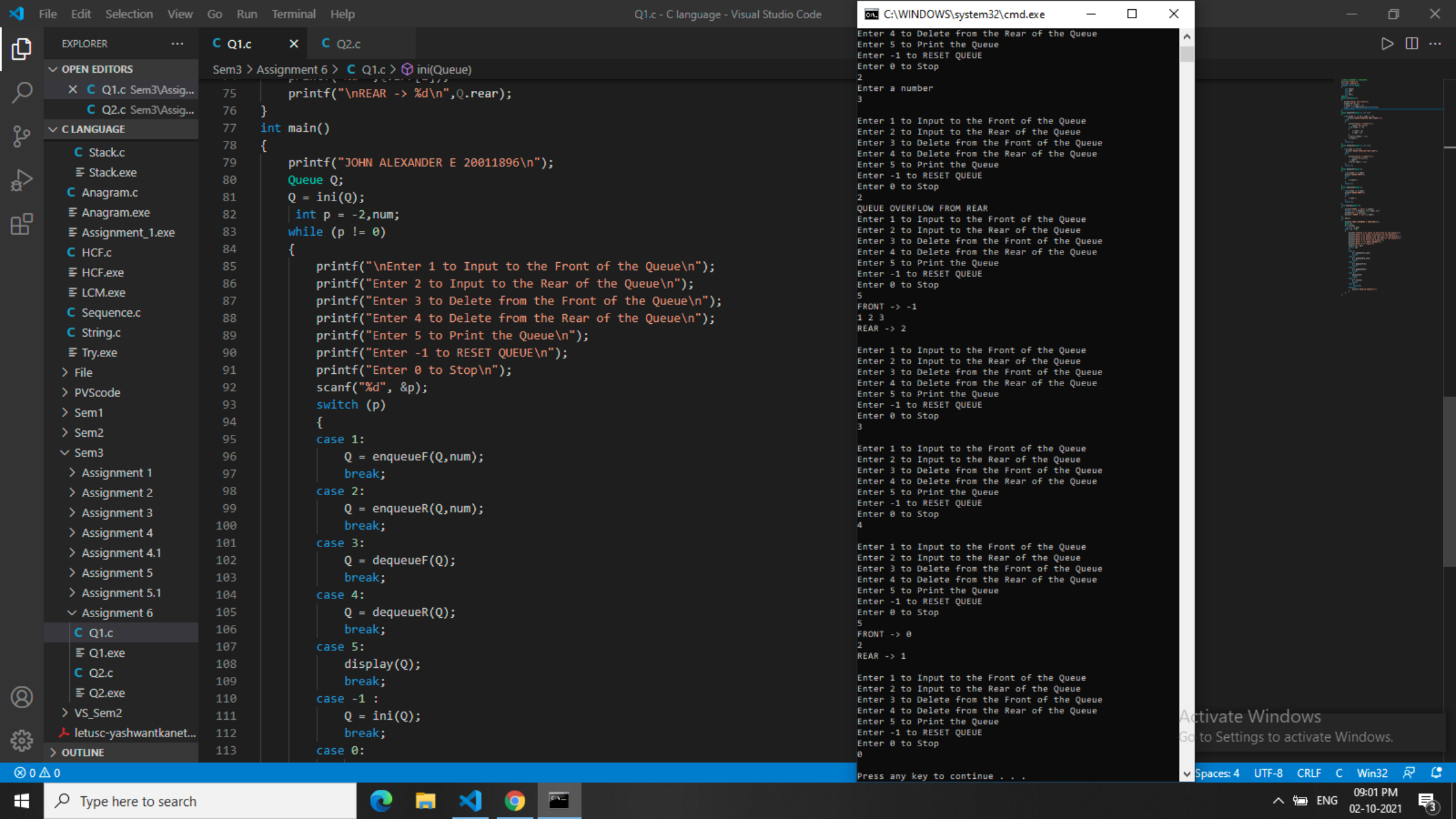
Sem3 > Assignment 6 > Q1.c > ini(Queue)

```c
/*JOHN ALEXANDER E 20011896*/
#include <stdio.h>
#include <stdlib.h>
typedef struct Queue
{
    int front;
    int rear;
    int n;
    int *arr;
}Queue;
Queue ini(Queue Q)
{
   printf("Enter the size\n");
   scanf("%d",&Q.n);
   Q.front = Q.rear = -1;
   Q.arr = (int*)malloc(Q.n*sizeof(int));
   return Q;
}
Queue enqueueF(Queue Q, int num)
{
   if(Q.front == -1 && Q.rear != -1)
      printf("QUEUE OVERFLOW FROM FRONT\n");
    else
    {
        printf("Enter a number\n");
            scanf("%d",&num);
        if(Q.front == -1)
        {
            Q.front = 0;
            Q.rear = 0;
        }
        Q.arr[Q.front] = num;
        Q.front--;
    }
    return Q;
}
Queue enqueueR(Queue Q, int num)
{
   if(Q.rear == Q.n-1)
     printf("QUEUE OVERFLOW FROM REAR");
```

C:\WINDOWS\system32\cmd.exe

```
JOHN ALEXANDER E 20011896
Enter the size
3

Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
1
Enter a number
1

Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
1
QUEUE OVERFLOW FROM FRONT

Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
2

Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
3

Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
QUEUE OVERFLOW FROM REAR
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2 3
REAR -> 2

Enter 1 to Input to the Front of the Queue
```


File Edit Selection View Go Run Terminal Help
Q1.c - C language - Visual Studio Code
EXPLORER
OPEN EDITORS
Q1.c Sem3\Assig...
Q2.c Sem3\Assig...
C LANGUAGE
Stack.c
Stack.exe
Anagram.c
Anagram.exe
Assignment_1.exe
HCF.c
HCF.exe
LCM.exe
Sequence.c
String.c
Try.exe
File
PVScode
Sem1
Sem2
Sem3
Assignment 1
Assignment 2
Assignment 3
Assignment 4
Assignment 4.1
Assignment 5
Assignment 5.1
Assignment 6
Q1.c
Q1.exe
Q2.c
Q2.exe
VS_Sem2
letusc-yashwantkanet...
OUTLINE
Q1.c
Q2.c
Sem3 > Assignment 6 > Q1.c > ini(Queue)
38 {
39 if(Q.rear == Q.n-1)
40 printf("QUEUE OVERFLOW FROM REAR");
41 else
42 {
43 printf("Enter a number\n");
44 scanf("%d",&num);
45 Q.rear++;
46 Q.arr[Q.rear] = num;
47 }
48 return Q;
49 }
50 Queue dequeueF(Queue Q)
51 {
52 if(Q.front == Q.rear)
53 printf("QUEUE EMPTY");
54 else
55 {
56 Q.front++;
57 }
58 return Q;
59 }
60 Queue dequeueR(Queue Q)
61 {
62 if(Q.front == Q.rear)
63 printf("QUEUE EMPTY");
64 else
65 {
66 Q.rear--;
67 }
68 return Q;
69 }
70 void display(Queue Q)
71 {
72 printf("FRONT -> %d\n",Q.front);
73 for(int i = Q.front+1; i<=Q.rear; i++)
74 printf("%d ",Q.arr[i]);
75 printf("\nREAR -> %d\n",Q.rear);
76 }
C:\WINDOWS\system32\cmd.exe
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
3
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
QUEUE OVERFLOW FROM REAR
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2 3
REAR -> 2
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
4
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
2
REAR -> 1
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
0
Press any key to continue . . .
Activate Windows
Go to Settings to activate Windows.
Spaces: 4 UTF-8 CRLF C Win32
Type here to search
ENG
09:01 PM
02-10-2021


File Edit Selection View Go Run Terminal Help
Q1.c - C language - Visual Studio Code
EXPLORER
OPEN EDITORS
Q1.c Sem3\Assig...
Q2.c Sem3\Assig...
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LCM.exe
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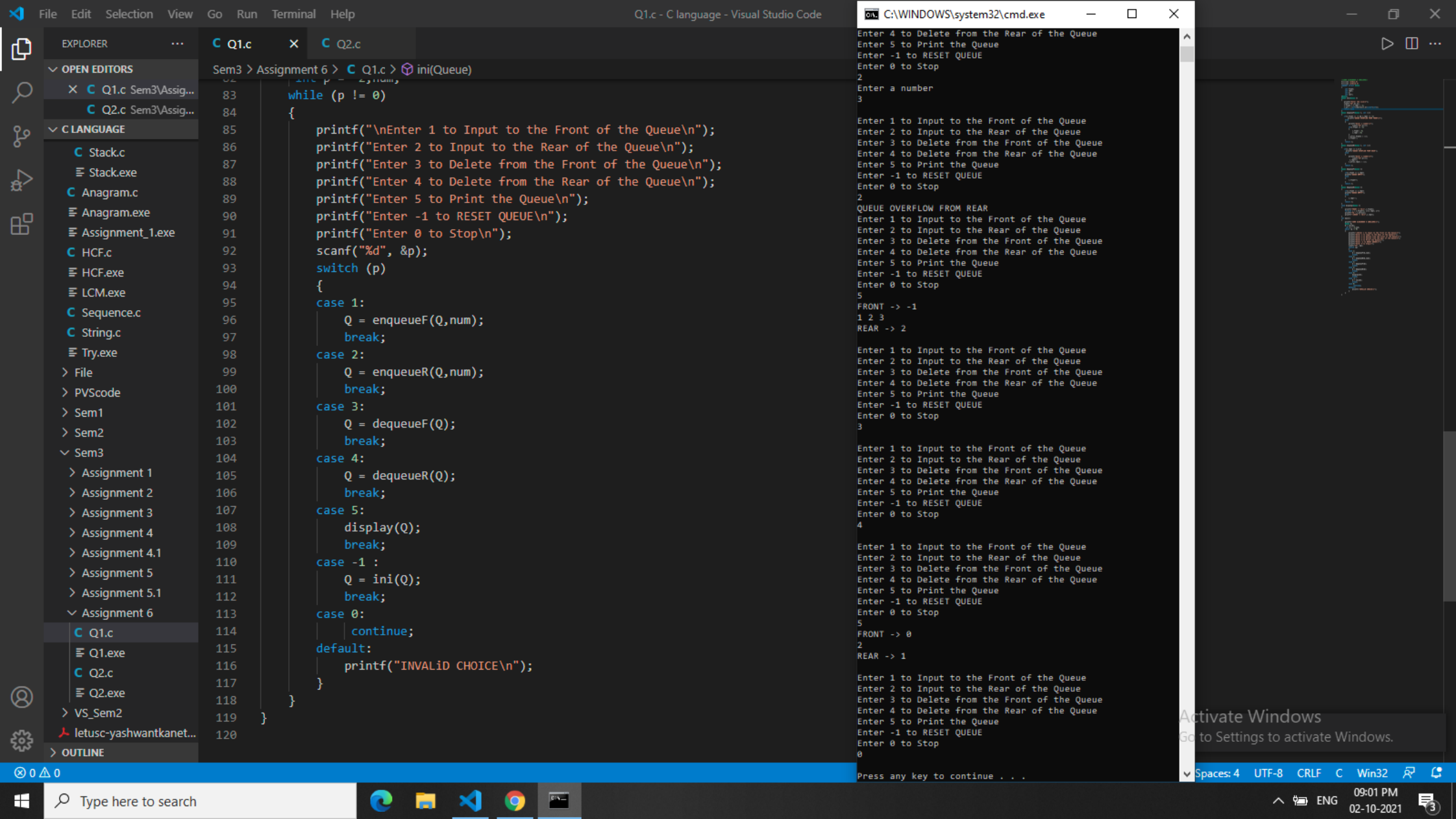
PVScode
Sem1
Sem2
Sem3
Assignment 1
Assignment 2
Assignment 3
Assignment 4
Assignment 4.1
Assignment 5
Assignment 5.1
Assignment 6
Q1.c
Q1.exe
Q2.c
Q2.exe
VS_Sem2
letusc-yashwantkanet...
OUTLINE
Q1.c
Q2.c
Sem3 > Assignment 6 > Q1.c > ini(Queue)
printf("\nREAR -> %d\n",Q.rear);
}
int main()
{
printf("JOHN ALEXANDER E 20011896\n");
Queue Q;
Q = ini(Q);
int p = -2,num;
while (p != 0)
{
printf("\nEnter 1 to Input to the Front of the Queue\n");
printf("Enter 2 to Input to the Rear of the Queue\n");
printf("Enter 3 to Delete from the Front of the Queue\n");
printf("Enter 4 to Delete from the Rear of the Queue\n");
printf("Enter 5 to Print the Queue\n");
printf("Enter -1 to RESET QUEUE\n");
printf("Enter 0 to Stop\n");
scanf("%d", &p);
switch (p)
{
case 1:
Q = enqueueF(Q,num);
break;
case 2:
Q = enqueueR(Q,num);
break;
case 3:
Q = dequeueF(Q);
break;
case 4:
Q = dequeueR(Q);
break;
case 5:
display(Q);
break;
case -1 :
Q = ini(Q);
break;
case 0:
C:\WINDOWS\system32\cmd.exe
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
3
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
QUEUE OVERFLOW FROM REAR
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2 3
REAR -> 2
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
4
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
2
REAR -> 1
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
0
Press any key to continue . . .
Activate Windows
Go to Settings to activate Windows.
Spaces: 4 UTF-8 CRLF C Win32
Type here to search
ENG
09:01 PM
02-10-2021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EXPLORER
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Q1.c Sem3\Assig...
Q2.c Sem3\Assig...
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Anagram.c
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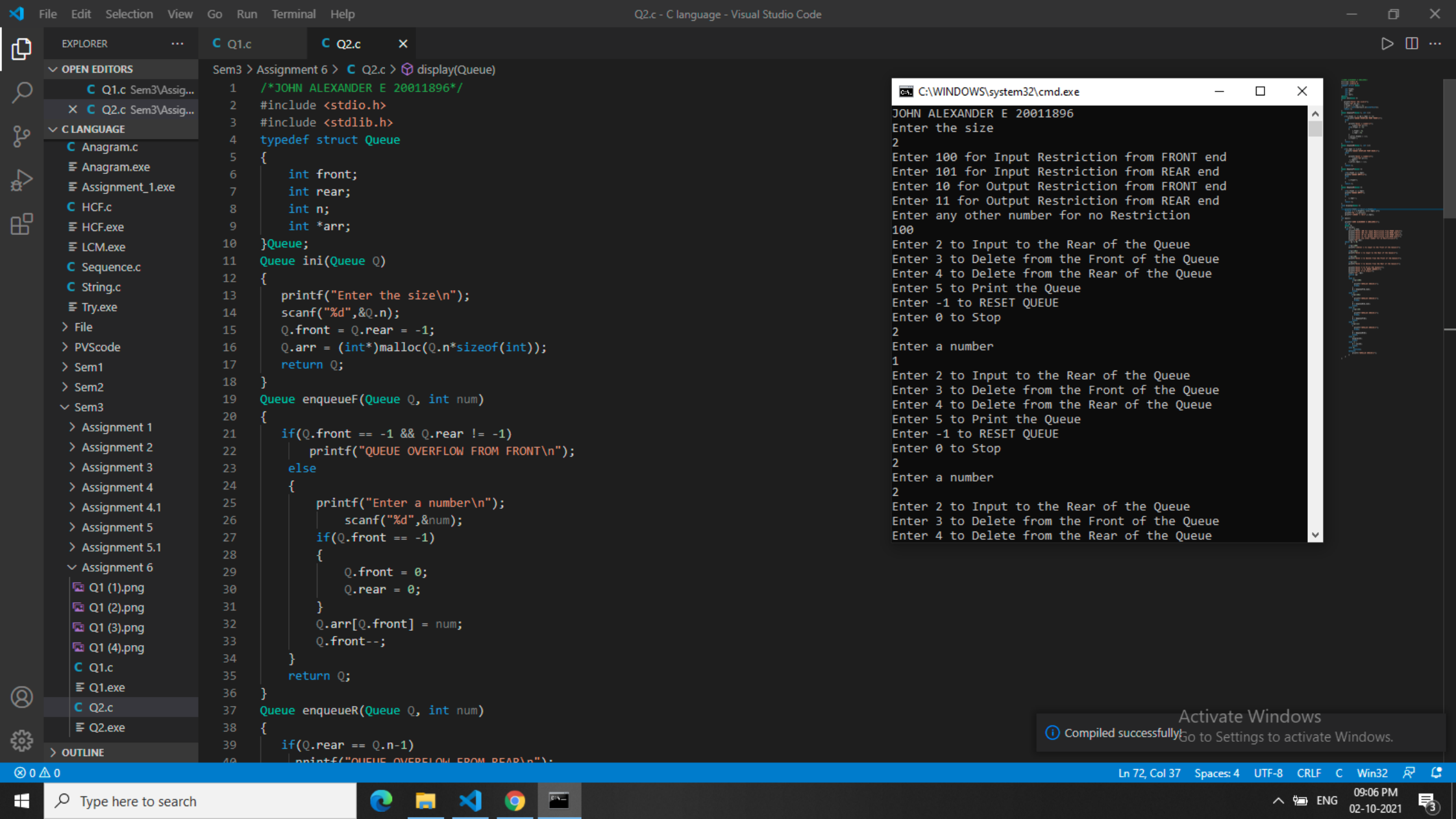
Assignment_1.exe
HCF.c
HCF.exe
LCM.exe
Sequence.c
String.c
Try.exe
File
PVScode
Sem1
Sem2
Sem3
Assignment 1
Assignment 2
Assignment 3
Assignment 4
Assignment 4.1
Assignment 5
Assignment 5.1
Assignment 6
Q1.c
Q1.exe
Q2.c
Q2.exe
VS_Sem2
letusc-yashwantkanet...
OUTLINE
Q1.c
Q2.c
Sem3 > Assignment 6 > Q1.c > ini(Queue)
while (p != 0)
{
printf("\nEnter 1 to Input to the Front of the Queue\n");
printf("Enter 2 to Input to the Rear of the Queue\n");
printf("Enter 3 to Delete from the Front of the Queue\n");
printf("Enter 4 to Delete from the Rear of the Queue\n");
printf("Enter 5 to Print the Queue\n");
printf("Enter -1 to RESET QUEUE\n");
printf("Enter 0 to Stop\n");
scanf("%d", &p);
switch (p)
{
case 1:
Q = enqueueF(Q,num);
break;
case 2:
Q = enqueueR(Q,num);
break;
case 3:
Q = dequeueF(Q);
break;
case 4:
Q = dequeueR(Q);
break;
case 5:
display(Q);
break;
case -1 :
Q = ini(Q);
break;
case 0:
continue;
default:
printf("INVALiD CHOICE\n");
}
}
}
C:\WINDOWS\system32\cmd.exe
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
3
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
QUEUE OVERFLOW FROM REAR
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2 3
REAR -> 2
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
4
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
2
REAR -> 1
Enter 1 to Input to the Front of the Queue
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
0
Press any key to continue . . .
Activate Windows
Go to Settings to activate Windows.
Spaces: 4 UTF-8 CRLF C Win32
Type here to search
ENG
09:01 PM
02-10-2021


File Edit Selection View Go Run Terminal Help
Q2.c - C language - Visual Studio Code
EXPLORER
OPEN EDITORS
Q1.c Sem3\Assig...
Q2.c Sem3\Assig...
C LANGUAGE
Anagram.c
Anagram.exe
Assignment_1.exe
HCF.c
HCF.exe
LCM.exe
Sequence.c
String.c
Try.exe
File
PVScode
Sem1
Sem2
Sem3
Assignment 1
Assignment 2
Assignment 3
Assignment 4
Assignment 4.1
Assignment 5
Assignment 5.1
Assignment 6
Q1 (1).png
Q1 (2).png
Q1 (3).png
Q1 (4).png
Q1.c
Q1.exe
Q2.c
Q2.exe
OUTLINE
Q1.c
Q2.c
Sem3 > Assignment 6 > Q2.c > display(Queue)
/*JOHN ALEXANDER E 20011896*/
#include <stdio.h>
#include <stdlib.h>
typedef struct Queue
{
int front;
int rear;
int n;
int *arr;
}Queue;
Queue ini(Queue Q)
{
printf("Enter the size\n");
scanf("%d",&Q.n);
Q.front = Q.rear = -1;
Q.arr = (int*)malloc(Q.n*sizeof(int));
return Q;
}
Queue enqueueF(Queue Q, int num)
{
if(Q.front == -1 && Q.rear != -1)
printf("QUEUE OVERFLOW FROM FRONT\n");
else
{
printf("Enter a number\n");
scanf("%d",&num);
if(Q.front == -1)
{
Q.front = 0;
Q.rear = 0;
}
Q.arr[Q.front] = num;
Q.front--;
}
return Q;
}
Queue enqueueR(Queue Q, int num)
{
if(Q.rear == Q.n-1)
C:\WINDOWS\system32\cmd.exe
JOHN ALEXANDER E 20011896
Enter the size
2
Enter 100 for Input Restriction from FRONT end
Enter 101 for Input Restriction from REAR end
Enter 10 for Output Restriction from FRONT end
Enter 11 for Output Restriction from REAR end
Enter any other number for no Restriction
100
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
2
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Compiled successfully!
Activate Windows
Go to Settings to activate Windows.
Ln 72, Col 37 Spaces: 4 UTF-8 CRLF C Win32
Type here to search
ENG
09:06 PM
02-10-2021

File Edit Selection View Go Run Terminal Help — Q2.c - C language - Visual Studio Code

EXPLORER

OPEN EDITORS
- Q1.c Sem3\Assig...
- Q2.c Sem3\Assig...

C LANGUAGE
- Anagram.c
- Anagram.exe
- Assignment_1.exe
- HCF.c
- HCF.exe
- LCM.exe
- Sequence.c
- String.c
- Try.exe
- File
- PVScode
- Sem1
- Sem2
- Sem3
  - Assignment 1
  - Assignment 2
  - Assignment 3
  - Assignment 4
  - Assignment 4.1
  - Assignment 5
  - Assignment 5.1
  - Assignment 6
    - Q1 (1).png
    - Q1 (2).png
    - Q1 (3).png
    - Q1 (4).png
    - Q1.c
    - Q1.exe
    - Q2.c
    - Q2.exe

OUTLINE

Q1.c | Q2.c

Sem3 > Assignment 6 > Q2.c > display(Queue)

```
38  {
39      if(Q.rear == Q.n-1)
40          printf("QUEUE OVERFLOW FROM REAR\n");
41      else
42      {
43          printf("Enter a number\n");
44              scanf("%d",&num);
45          Q.rear++;
46          Q.arr[Q.rear] = num;
47      }
48      return Q;
49  }
50  Queue dequeueF(Queue Q)
51  {
52      if(Q.front == Q.rear)
53      printf("QUEUE EMPTY\n");
54      else
55      {
56          Q.front++;
57      }
58      return Q;
59  }
60  Queue dequeueR(Queue Q)
61  {
62      if(Q.front == Q.rear)
63      printf("QUEUE EMPTY");
64      else
65      {
66          Q.rear--;
67      }
68      return Q;
69  }
70  void display(Queue Q)
71  {
72      printf("FRONT -> %d\n",Q.front);
73      for(int i = Q.front+1; i<=Q.rear; i++)
74      printf("%d ",Q.arr[i]);
75      printf("\nREAR -> %d\n",Q.rear);
76  }
```

C:\WINDOWS\system32\cmd.exe

```
JOHN ALEXANDER E 20011896
Enter the size
2
Enter 100 for Input Restriction from FRONT end
Enter 101 for Input Restriction from REAR end
Enter 10 for Output Restriction from FRONT end
Enter 11 for Output Restriction from REAR end
Enter any other number for no Restriction
100
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
2
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
```


⊗ 0 ⚠ 0 — C — Win32

Type here to search

ENG 09:06 PM 02-10-2021

File Edit Selection View Go Run Terminal Help — Q2.c - C language - Visual Studio Code

EXPLORER

OPEN EDITORS
- Q1.c Sem3\Assig...
- Q2.c Sem3\Assig...

C LANGUAGE
- Anagram.c
- Anagram.exe
- Assignment_1.exe
- HCF.c
- HCF.exe
- LCM.exe
- Sequence.c
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- Try.exe
- File
- PVScode
- Sem1
- Sem2
- Sem3
  - Assignment 1
  - Assignment 2
  - Assignment 3
  - Assignment 4
  - Assignment 4.1
  - Assignment 5
  - Assignment 5.1
  - Assignment 6
    - Q1 (1).png
    - Q1 (2).png
    - Q1 (3).png
    - Q1 (4).png
    - Q1.c
    - Q1.exe
    - Q2.c
    - Q2.exe

OUTLINE

Q1.c | Q2.c

Sem3 > Assignment 6 > Q2.c > display(Queue)

```
}
void display(Queue Q)
{
    printf("FRONT -> %d\n",Q.front);
    for(int i = Q.front+1; i<=Q.rear; i++)
    printf("%d ",Q.arr[i]);
    printf("\nREAR -> %d\n",Q.rear);
}
int main()
{
    printf("JOHN ALEXANDER E 20011896\n");
    int q;
    Queue Q;
    Q = ini(Q);
     int p = -2,num;
        printf("Enter 100 for Input Restriction from FRONT end\n");
        printf("Enter 101 for Input Restriction from REAR end\n");
        printf("Enter 10 for Output Restriction from FRONT end\n");
        printf("Enter 11 for Output Restriction from REAR end\n");
        printf("Enter any other number for no Restriction\n");
        scanf("%d",&q);
    while (p != 0)
    {
        if(q!=100)
        printf("\nEnter 1 to Input to the Front of the Queue\n");

        if(q!=101)
        printf("Enter 2 to Input to the Rear of the Queue\n");

        if(q!=10)
        printf("Enter 3 to Delete from the Front of the Queue\n");

        if(q!=11)
        printf("Enter 4 to Delete from the Rear of the Queue\n");

        printf("Enter 5 to Print the Queue\n");
        printf("Enter -1 to RESET QUEUE\n");
        printf("Enter 0 to Stop\n");
        scanf("%d", &p);
        switch (p)
```

C:\WINDOWS\system32\cmd.exe

```
2
Enter a number
1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
2
Enter a number
2
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
4
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
```


⊗ 0 ⚠ 0 — C — Win32

Type here to search — ENG — 09:06 PM — 02-10-2021

File Edit Selection View Go Run Terminal Help — Q2.c - C language - Visual Studio Code

EXPLORER

OPEN EDITORS
- Q1.c Sem3\Assig...
- Q2.c Sem3\Assig...

C LANGUAGE
- Anagram.c
- Anagram.exe
- Assignment_1.exe
- HCF.c
- HCF.exe
- LCM.exe
- Sequence.c
- String.c
- Try.exe
- File
- PVScode
- Sem1
- Sem2
- Sem3
  - Assignment 1
  - Assignment 2
  - Assignment 3
  - Assignment 4
  - Assignment 4.1
  - Assignment 5
  - Assignment 5.1
  - Assignment 6
    - Q1 (1).png
    - Q1 (2).png
    - Q1 (3).png
    - Q1 (4).png
    - Q1.c
    - Q1.exe
    - Q2.c
    - Q2.exe

OUTLINE

Q1.c | Q2.c

Sem3 > Assignment 6 > Q2.c > display(Queue)

```
106         printf("Enter 0 to Stop\n");
107         scanf("%d", &p);
108         switch (p)
109         {
110         case 1:
111             if(q==100)
112             {
113               printf("INVALID CHOICE\n");
114               break;
115             }
116             Q = enqueueF(Q,num);
117             break;
118         case 2:
119            if(q==101)
120             {
121               printf("INVALID CHOICE\n");
122               break;
123             }
124             Q = enqueueR(Q,num);
125             break;
126         case 3:
127             if(q==10)
128             {
129               printf("INVALID CHOICE\n");
130               break;
131             }
132             Q = dequeueF(Q);
133             break;
134         case 4:
135            if(q==11)
136             {
137               printf("INVALID CHOICE\n");
138               break;
139             }
140             Q = dequeueR(Q);
141             break;
142         case 5:
143             display(Q);
144             break;
145         case -1 :
```

C:\WINDOWS\system32\cmd.exe

```
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
4
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0

REAR -> 0
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
0

Press any key to continue . . .
```


⊗ 0 ⚠ 0 — C — Win32

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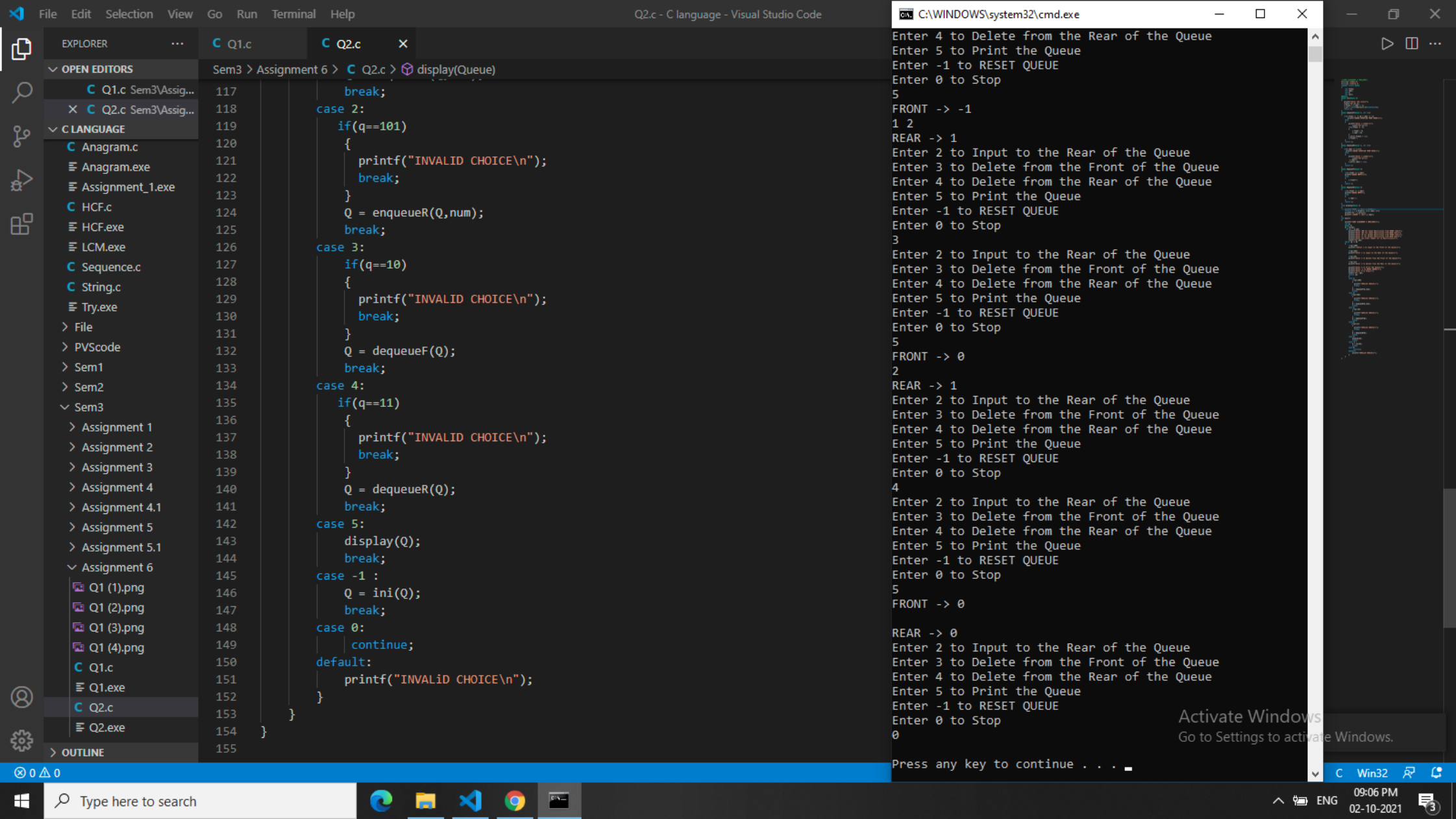
ENG 09:06 PM 02-10-2021


File Edit Selection View Go Run Terminal Help
Q2.c - C language - Visual Studio Code
EXPLORER
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C LANGUAGE
Anagram.c
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Q1 (1).png
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Q1 (3).png
Q1 (4).png
Q1.c
Q1.exe
Q2.c
Q2.exe
OUTLINE
Q1.c
Q2.c
Sem3 > Assignment 6 > Q2.c > display(Queue)
117 break;
118 case 2:
119 if(q==101)
120 {
121 printf("INVALID CHOICE\n");
122 break;
123 }
124 Q = enqueueR(Q,num);
125 break;
126 case 3:
127 if(q==10)
128 {
129 printf("INVALID CHOICE\n");
130 break;
131 }
132 Q = dequeueF(Q);
133 break;
134 case 4:
135 if(q==11)
136 {
137 printf("INVALID CHOICE\n");
138 break;
139 }
140 Q = dequeueR(Q);
141 break;
142 case 5:
143 display(Q);
144 break;
145 case -1 :
146 Q = ini(Q);
147 break;
148 case 0:
149 continue;
150 default:
151 printf("INVALiD CHOICE\n");
152 }
153 }
154 }
155
C:\WINDOWS\system32\cmd.exe
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> -1
1 2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
3
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
2
REAR -> 1
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
4
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
5
FRONT -> 0
REAR -> 0
Enter 2 to Input to the Rear of the Queue
Enter 3 to Delete from the Front of the Queue
Enter 4 to Delete from the Rear of the Queue
Enter 5 to Print the Queue
Enter -1 to RESET QUEUE
Enter 0 to Stop
0
Press any key to continue . . .
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
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02-10-2021