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Q1.c - C language - Visual Studio Code

C:\WINDOWS\system32\cmd.exe

EXPLORER

OPEN EDITORS

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

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

1 /*JOHN ALEXANDER E 20011896*/

2 #include <stdio.h>

3 #include <stdlib.h>

4 typedef struct Queue

5 {

6 int front;

7 int rear;

8 int n;

9 int *arr;

10 }Queue;

11 Queue ini(Queue Q)

12 {

13 printf("Enter the size\n");

14 scanf("%d",&Q.n);

15 Q.front = Q.rear = -1;

16 Q.arr = (int*)malloc(Q.n*sizeof(int));

17 return Q;

18 }

19 Queue enqueueF(Queue Q, int num)

20 {

21 if(Q.front == -1 && Q.rear != -1)

22 printf("QUEUE OVERFLOW FROM FRONT\n");

23 else

24 {

25 printf("Enter a number\n");

26 scanf("%d",&num);

27 if(Q.front == -1)

28 {

29 Q.front = 0;

30 Q.rear = 0;

31 }

32 Q.arr[Q.front] = num;

33 Q.front--;

34 }

35 return Q;

36 }

37 Queue enqueueR(Queue Q, int num)

38 {

39 if(Q.rear == Q.n-1)

40 printf("QUEUE OVERFLOW FROM REAR\n");

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

Activate Windows

Go to Settings to activate Windows.

0 0 0

Type here to search

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02-10-2021

FileEditSelectionViewGoRunTerminalHelp

Q1.c - C language - Visual Studio Code

EXPLORER

OPEN EDITORS

C Q1.c Sem3\Assig...
C 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

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Sem1
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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

Sem3 > Assignment 6 > C 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 }

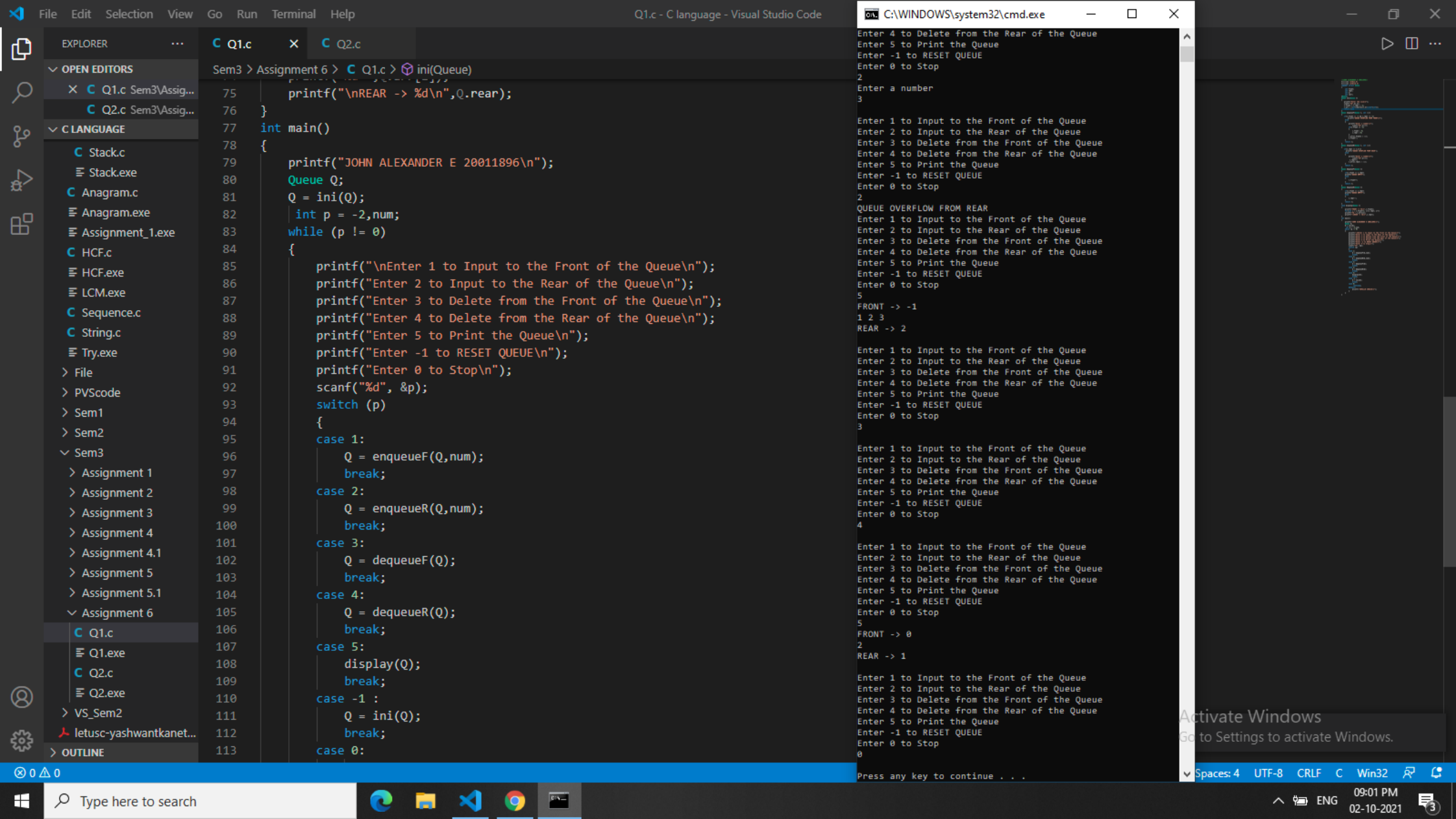
C:\WINDOWS\system32\cmd.exe

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

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Q1.c - C language - Visual Studio Code

C:\WINDOWS\system32\cmd.exe

EXPLORER

OPEN EDITORS

C LANGUAGE

Stack.c

Stack.exe

Anagram.c

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Assignment_1.exe

HCF.c

HCF.exe

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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

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

83 while (p != 0)

84 {

85 printf("\nEnter 1 to Input to the Front of the Queue\n");

86 printf("Enter 2 to Input to the Rear of the Queue\n");

87 printf("Enter 3 to Delete from the Front of the Queue\n");

88 printf("Enter 4 to Delete from the Rear of the Queue\n");

89 printf("Enter 5 to Print the Queue\n");

90 printf("Enter -1 to RESET QUEUE\n");

91 printf("Enter 0 to Stop\n");

92 scanf("%d", &p);

93 switch (p)

94 {

95 case 1:

96 Q = enqueueF(Q,num);

97 break;

98 case 2:

99 Q = enqueueR(Q,num);

100 break;

101 case 3:

102 Q = dequeueF(Q);

103 break;

104 case 4:

105 Q = dequeueR(Q);

106 break;

107 case 5:

108 display(Q);

109 break;

110 case -1 :

111 Q = ini(Q);

112 break;

113 case 0:

114 continue;

115 default:

116 printf("INVALID CHOICE\n");

117 }

118 }

119 }

120 }

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

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EXPLORER

OPEN EDITORS

C Q1.c Sem3\Assig...

X C 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

C Q1.c

Q1.exe

C Q2.c

Q2.exe

OUTLINE

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

1 /*JOHN ALEXANDER E 20011896*/

2 #include <stdio.h>

3 #include <stdlib.h>

4 typedef struct Queue

5 {

6 int front;

7 int rear;

8 int n;

9 int *arr;

10 }Queue;

11 Queue ini(Queue Q)

12 {

13 printf("Enter the size\n");

14 scanf("%d",&Q.n);

15 Q.front = Q.rear = -1;

16 Q.arr = (int*)malloc(Q.n*sizeof(int));

17 return Q;

18 }

19 Queue enqueueF(Queue Q, int num)

20 {

21 if(Q.front == -1 && Q.rear != -1)

22 printf("QUEUE OVERFLOW FROM FRONT\n");

23 else

24 {

25 printf("Enter a number\n");

26 scanf("%d",&num);

27 if(Q.front == -1)

28 {

29 Q.front = 0;

30 Q.rear = 0;

31 }

32 Q.arr[Q.front] = num;

33 Q.front--;

34 }

35 return Q;

36 }

37 Queue enqueueR(Queue Q, int num)

38 {

39 if(Q.rear == Q.n-1)

40 printf("QUEUE OVERFLOW FROM REAR\n");

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

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Q2.c - C language - Visual Studio Code

EXPLORER

...

C Q1.c

C Q2.c

X

OPEN EDITORS

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

C Q1.c Sem3\Assig...

X C 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

C Q1.c

Q1.exe

C Q2.c

Q2.exe

OUTLINE

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

0

Type here to search

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ENG

3

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Q2.c - C language - Visual Studio Code

Q2.c

×

EXPLORER

...

Q1.c

Q2.c

×

OPEN EDITORS

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

C Q1.c Sem3\Assig...

×

C 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

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

}

77

int main()

78

{

79

printf("JOHN ALEXANDER E 20011896\n");

80

int q;

81

Queue Q;

82

Q = ini(Q);

83

int p = -2,num;

84

printf("Enter 100 for Input Restriction from FRONT end\n");

85

printf("Enter 101 for Input Restriction from REAR end\n");

86

printf("Enter 10 for Output Restriction from FRONT end\n");

87

printf("Enter 11 for Output Restriction from REAR end\n");

88

printf("Enter any other number for no Restriction\n");

89

scanf("%d",&q);

90

while (p != 0)

91

{

92

if(q!=100)

93

printf("\nEnter 1 to Input to the Front of the Queue\n");

94

95

if(q!=101)

96

printf("Enter 2 to Input to the Rear of the Queue\n");

97

98

if(q!=10)

99

printf("Enter 3 to Delete from the Front of the Queue\n");

100

101

if(q!=11)

102

printf("Enter 4 to Delete from the Rear of the Queue\n");

103

104

printf("Enter 5 to Print the Queue\n");

105

printf("Enter -1 to RESET QUEUE\n");

106

printf("Enter 0 to Stop\n");

107

scanf("%d", &p);

108

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 0

Type here to search

ENG

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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

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

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145

```
printf("Enter 0 to Stop\n");
scanf("%d", &p);
switch (p)
{
case 1:
    if(q==100)
    {
        printf("INVALID CHOICE\n");
        break;
    }
    Q = enqueueF(Q,num);
    break;
case 2:
    if(q==101)
    {
        printf("INVALID CHOICE\n");
        break;
    }
    Q = enqueueR(Q,num);
    break;
case 3:
    if(q==10)
    {
        printf("INVALID CHOICE\n");
        break;
    }
    Q = dequeueF(Q);
    break;
case 4:
    if(q==11)
    {
        printf("INVALID CHOICE\n");
        break;
    }
    Q = dequeueR(Q);
    break;
case 5:
    display(Q);
    break;
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 . . .

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File

Edit

Selection

View

Go

Run

Terminal

Help

Q2.c - C language - Visual Studio Code

EXPLORER

...

Q1.c

Q2.c

X

OPEN EDITORS

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

C Q1.c Sem3\Assig...

117

X C Q2.c Sem3\Assig...

118

C LANGUAGE

119

Anagram.c

120

Anagram.exe

121

Assignment_1.exe

122

HCF.c

123

HCF.exe

124

LCM.exe

125

Sequence.c

126

String.c

127

Try.exe

128

File

129

PVSCode

130

Sem1

131

Sem2

132

Sem3

133

Assignment 1

134

Assignment 2

135

Assignment 3

136

Assignment 4

137

Assignment 4.1

138

Assignment 5

139

Assignment 5.1

140

Assignment 6

141

Q1 (1).png

142

Q1 (2).png

143

Q1 (3).png

144

Q1 (4).png

145

Q1.c

146

Q1.exe

147

Q2.c

148

Q2.exe

149

OUTLINE

150

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

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Enter 4 to Delete from the Rear of the Queue

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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 . . .

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