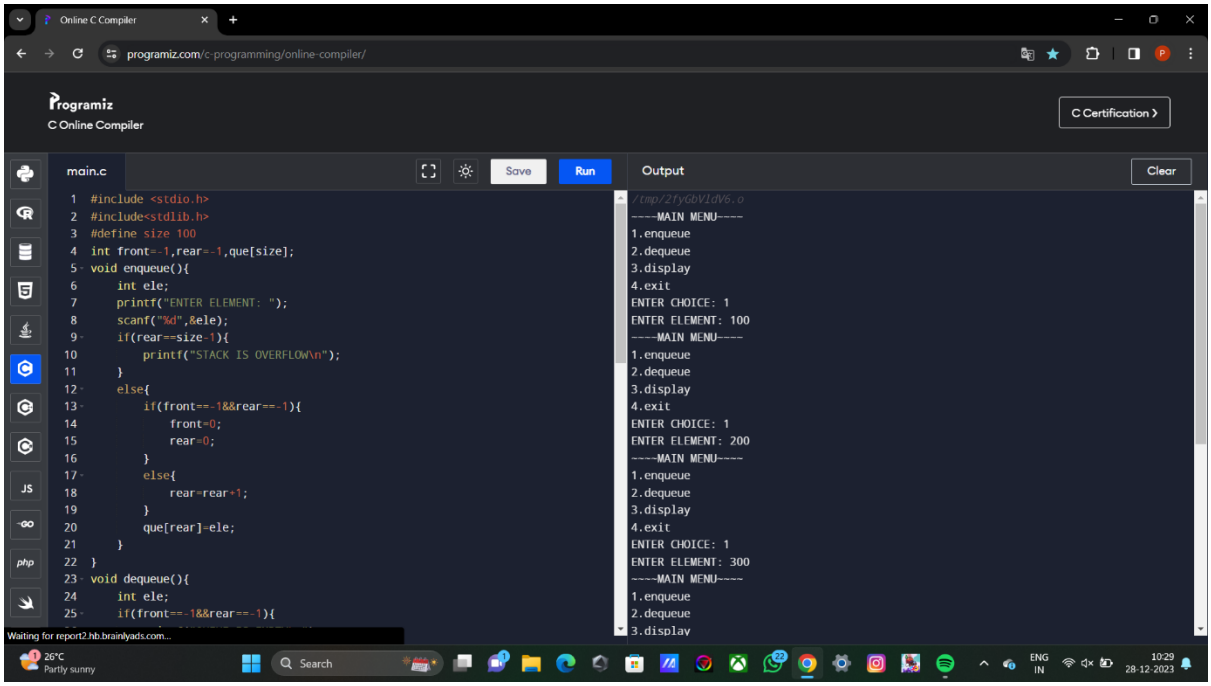
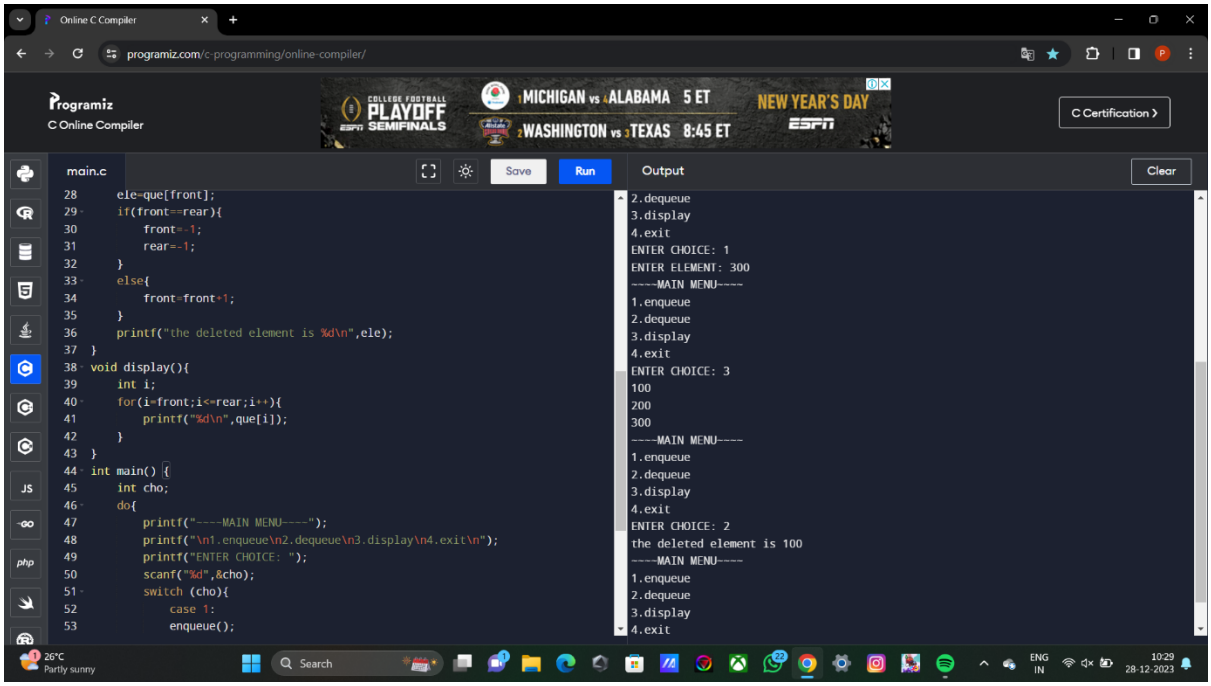
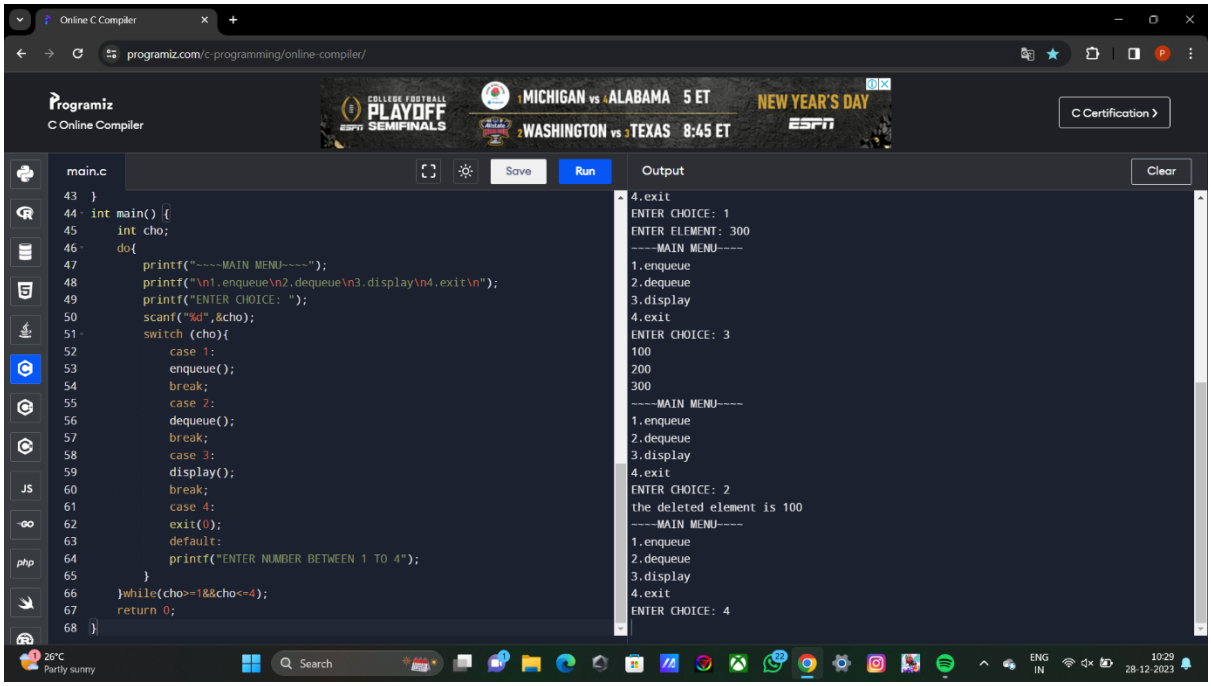
1. OPERATIONS ON A NORMAL QUEUE.



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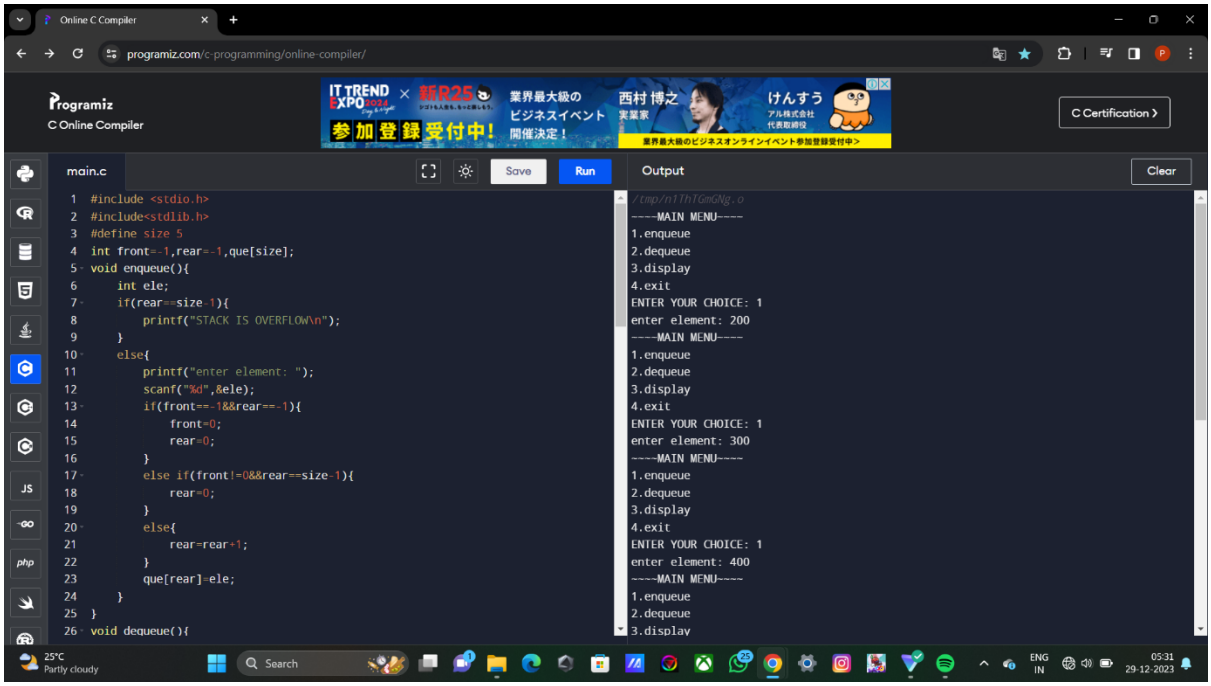
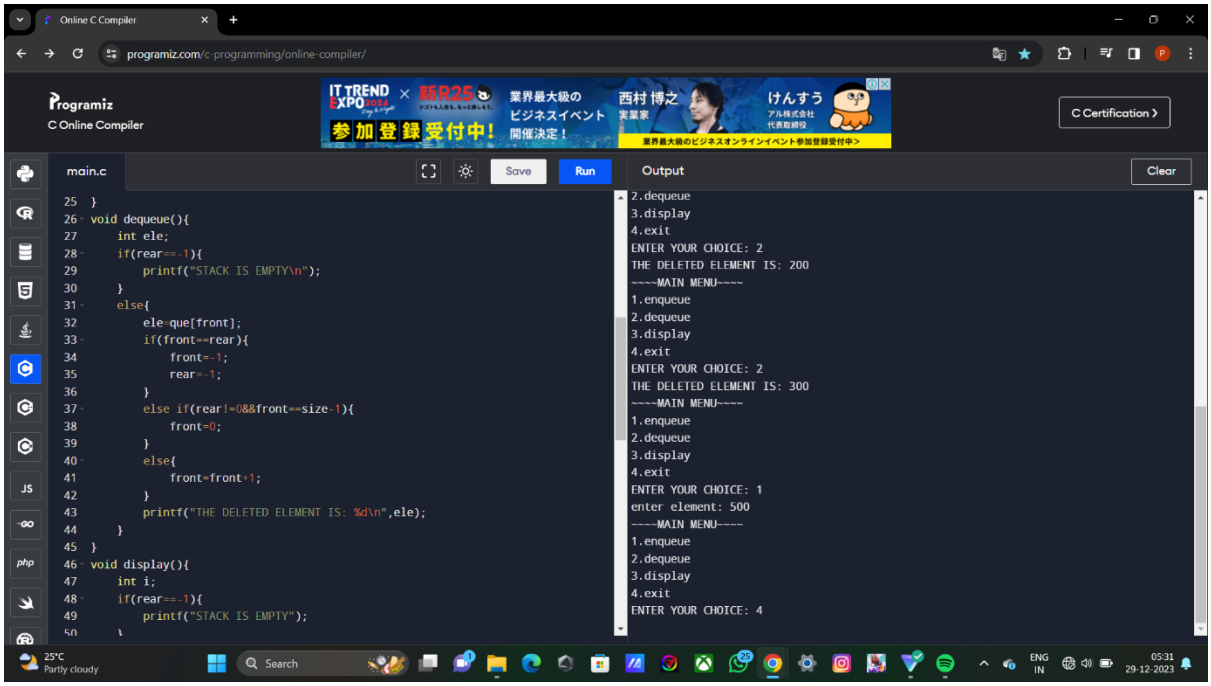
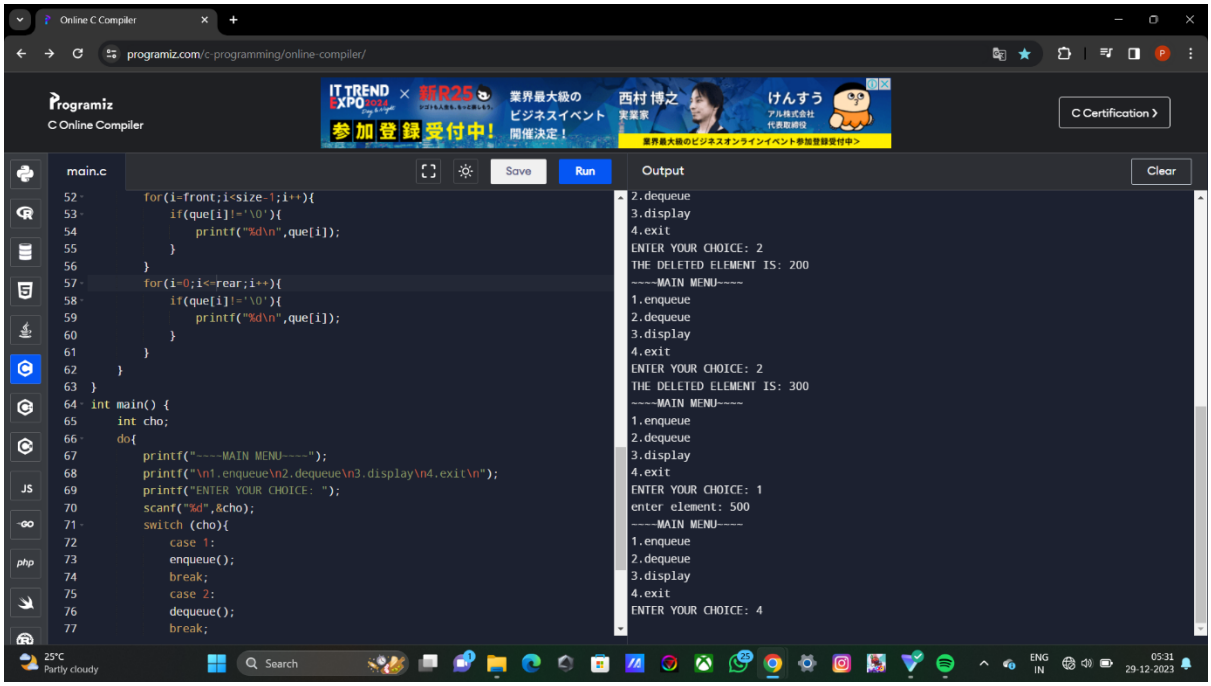
COLLEGE FOOTBALL PLAYOFF SEMIFINALS
1 MICHIGAN vs 4 ALABAMA 5 ET
2 WASHINGTON vs 3 TEXAS 8:45 ET
NEW YEAR'S DAY
ESPN
C Certification
main.c
Save
Run
Output
Clear
43 }
44 int main() {
45 int cho;
46 do{
47 printf("~~~~MAIN MENU~~~~");
48 printf("\n1.enqueue\n2.dequeue\n3.display\n4.exit\n");
49 printf("ENTER CHOICE: ");
50 scanf("%d",&cho);
51 switch (cho){
52 case 1:
53 enqueue();
54 break;
55 case 2:
56 dequeue();
57 break;
58 case 3:
59 display();
60 break;
61 case 4:
62 exit(0);
63 default:
64 printf("ENTER NUMBER BETWEEN 1 TO 4");
65 }
66 }while(cho>=1&&cho<=4);
67 return 0;
68 }
4.exit
ENTER CHOICE: 1
ENTER ELEMENT: 300
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER CHOICE: 3
100
200
300
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER CHOICE: 2
the deleted element is 100
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER CHOICE: 4
26°C
Partly sunny
Search
ENG
IN
10:29
28-12-2023
~~~~

2.OPERATIONS ON A CYCLED QUEUE



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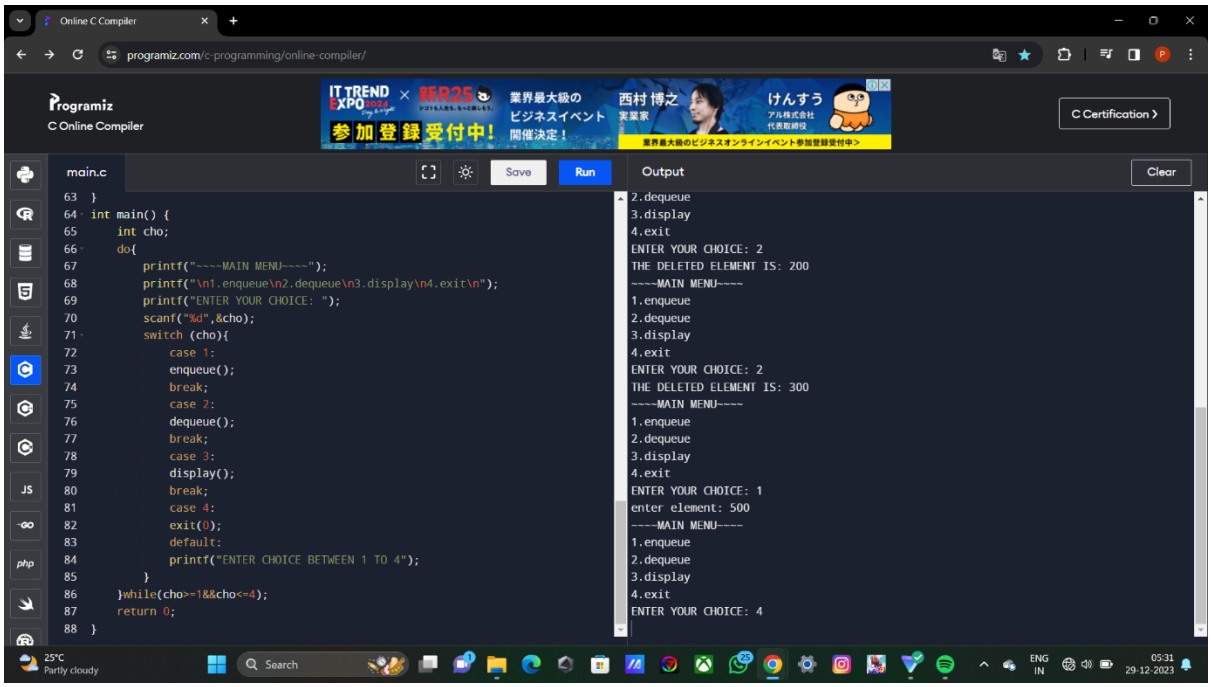
Programiz
C Online Compiler
C Certification
main.c
Save
Run
Output
Clear
for(i=front;i<size-1;i++){
if(que[i]!='\0'){
printf("%d\n",que[i]);
}
}
for(i=0;i<=rear;i++){
if(que[i]!='\0'){
printf("%d\n",que[i]);
}
}
}
}
int main() {
int cho;
do{
printf("~~~~MAIN MENU~~~~");
printf("\n1.enqueue\n2.dequeue\n3.display\n4.exit\n");
printf("ENTER YOUR CHOICE: ");
scanf("%d",&cho);
switch (cho){
case 1:
enqueue();
break;
case 2:
dequeue();
break;
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 2
THE DELETED ELEMENT IS: 200
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 2
THE DELETED ELEMENT IS: 300
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 1
enter element: 500
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 4
25°C
Partly cloudy
Search
ENG
IN
05:31
29-12-2023


Online C Compiler
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Programiz
C Online Compiler
C Certification
main.c
Save
Run
Output
Clear
}
int main() {
int cho;
do{
printf("~~~~MAIN MENU~~~~");
printf("\n1.enqueue\n2.dequeue\n3.display\n4.exit\n");
printf("ENTER YOUR CHOICE: ");
scanf("%d",&cho);
switch (cho){
case 1:
enqueue();
break;
case 2:
dequeue();
break;
case 3:
display();
break;
case 4:
exit(0);
default:
printf("ENTER CHOICE BETWEEN 1 TO 4");
}
}while(cho>=1&&cho<=4);
return 0;
}
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 2
THE DELETED ELEMENT IS: 200
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 2
THE DELETED ELEMENT IS: 300
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 1
enter element: 500
~~~~MAIN MENU~~~~
1.enqueue
2.dequeue
3.display
4.exit
ENTER YOUR CHOICE: 4
25°C
Partly cloudy
Search
ENG
IN
05:31
29-12-2023