

```
File Edit Selection View Go Run Terminal Help  
DATA_STRUCTURE_C  
EXPLORER  
DATA_STRUCTURE_C  
  Assignment 1  
    char_stack.h  
    int_stack.h  
    p1.c  
    p1.exe  
    p2.c  
    p3.c  
    p4.c  
    p5.c  
    p6.c  
  Ds Lab  
    l1p1.c  
    l1p2.c  
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL  
compilation terminated.  
PS D:\VS-CODE\DATA_STRUCTURE_C\Ds Lab> cd "d:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1\" ; if ($?) { gcc p1.c -o p1 } ; if ($?) { .\p1 }  
Enter the number of elements in the stack: 3  
Enter the elements of the stack: 1  
2  
3  
Sorted : 1 2 3  
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1> cd "d:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1\" ; if ($?) { gcc p1.c -o p1 } ; if ($?) { .\p1 }  
Enter the number of elements in the stack: 5  
Enter the elements of the stack: 10  
20  
50  
20  
30  
Sorted : 10 20 20 30 50  
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1>
```

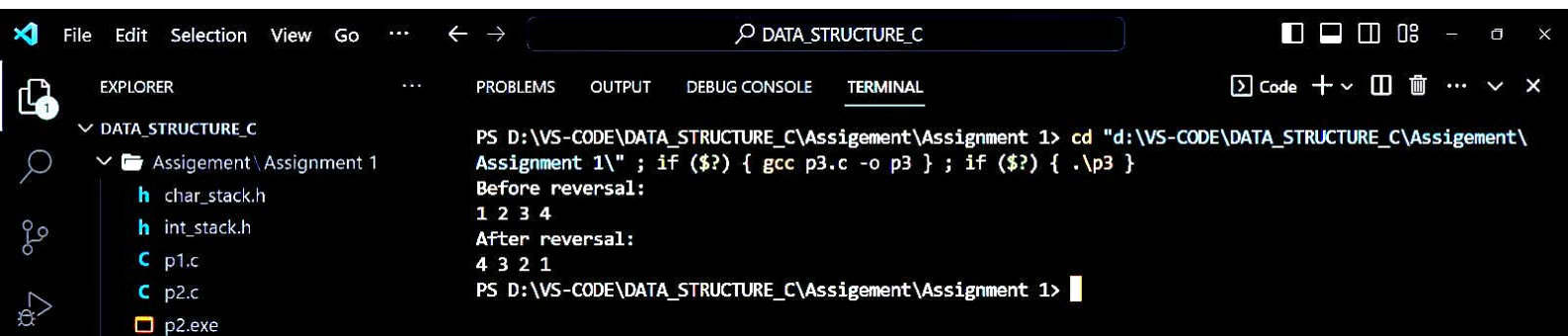
```
File Edit Selection View Go Run ... DATA_STRUCTURE_C
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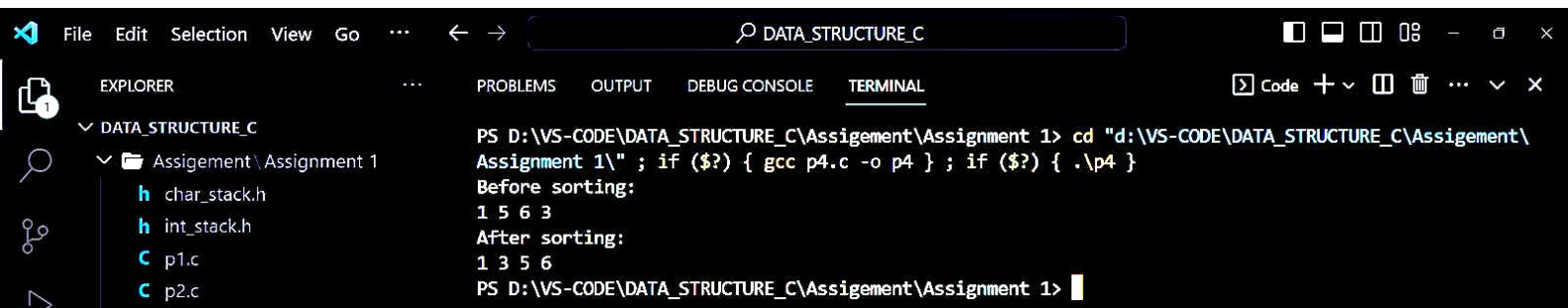
EXPLORER

- DATA\_STRUCTURE\_C
  - Assigement | Assignment 1
    - char\_stack.h
    - int\_stack.h
    - p1.c
    - p2.c
    - p2.exe
    - p3.c
    - p4.c
    - p5.c
    - p6.c

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1> cd "d:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1\" ; if ($?) { gcc
p2.c -o p2 } ; if ($?) { .\p2 }
Enter the string: jay
Sorted: ajy
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1> cd "d:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1\" ; if ($?) { gcc
p2.c -o p2 } ; if ($?) { .\p2 }
Enter the string: rammar
Sorted: aammrr
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1>
```





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File Edit Selection View Go ... < > DATA_STRUCTURE_C
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EXPLORER

- DATA\_STRUCTURE\_C
  - Assigement\Assignment 1
    - char\_stack.h
    - int\_stack.h
    - p1.c
    - p2.c

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1> cd "d:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1\" ; if ($?) { gcc p4.c -o p4 } ; if ($?) { .\p4 }
Before sorting:
1 5 6 3
After sorting:
1 3 5 6
PS D:\VS-CODE\DATA_STRUCTURE_C\Assigement\Assignment 1>
```

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EXPLORER

DATA\_STRUCTURE\_C

Assigement Assignment 1

char\_stack.h

int\_stack.h

p1.c

p2.c

p2.exe

p3.c

p1.c

p2.c

p5.c

Assigement > Assignment 1 > p5.c > ...

32 | enqueue(&q, 30);

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Code +

PS D:\VS-CODE\DATA\_STRUCTURE\_C\Assigement\Assignment 1> cd "d:\VS-CODE\DATA\_STRUCTURE\_C\Assigement\Assignment 1\" ; if (\$?) { gcc p5.c -o p5 } ; if (\$?) { .\p5 }

10 20 30 40

PS D:\VS-CODE\DATA\_STRUCTURE\_C\Assigement\Assignment 1>

