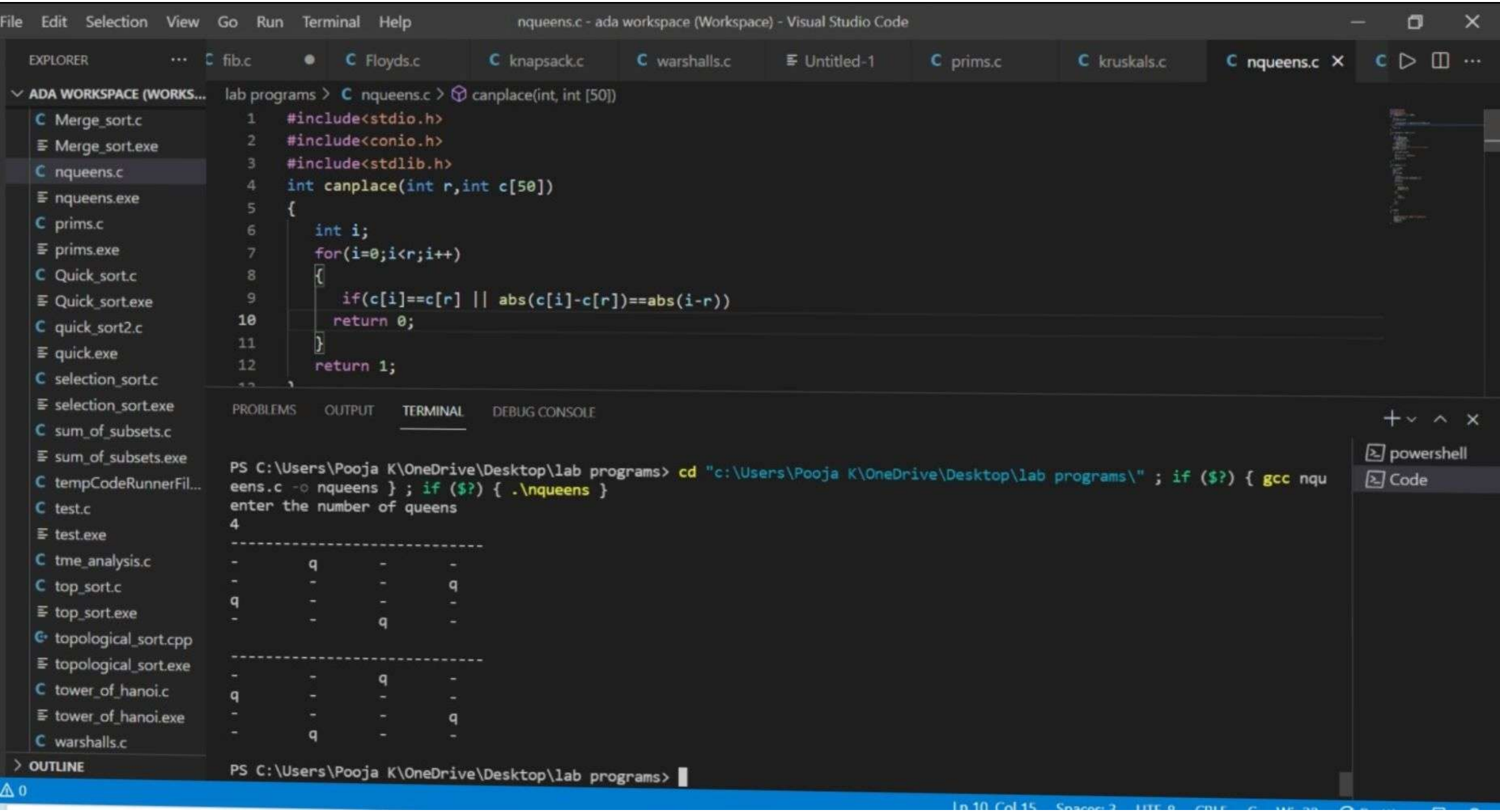
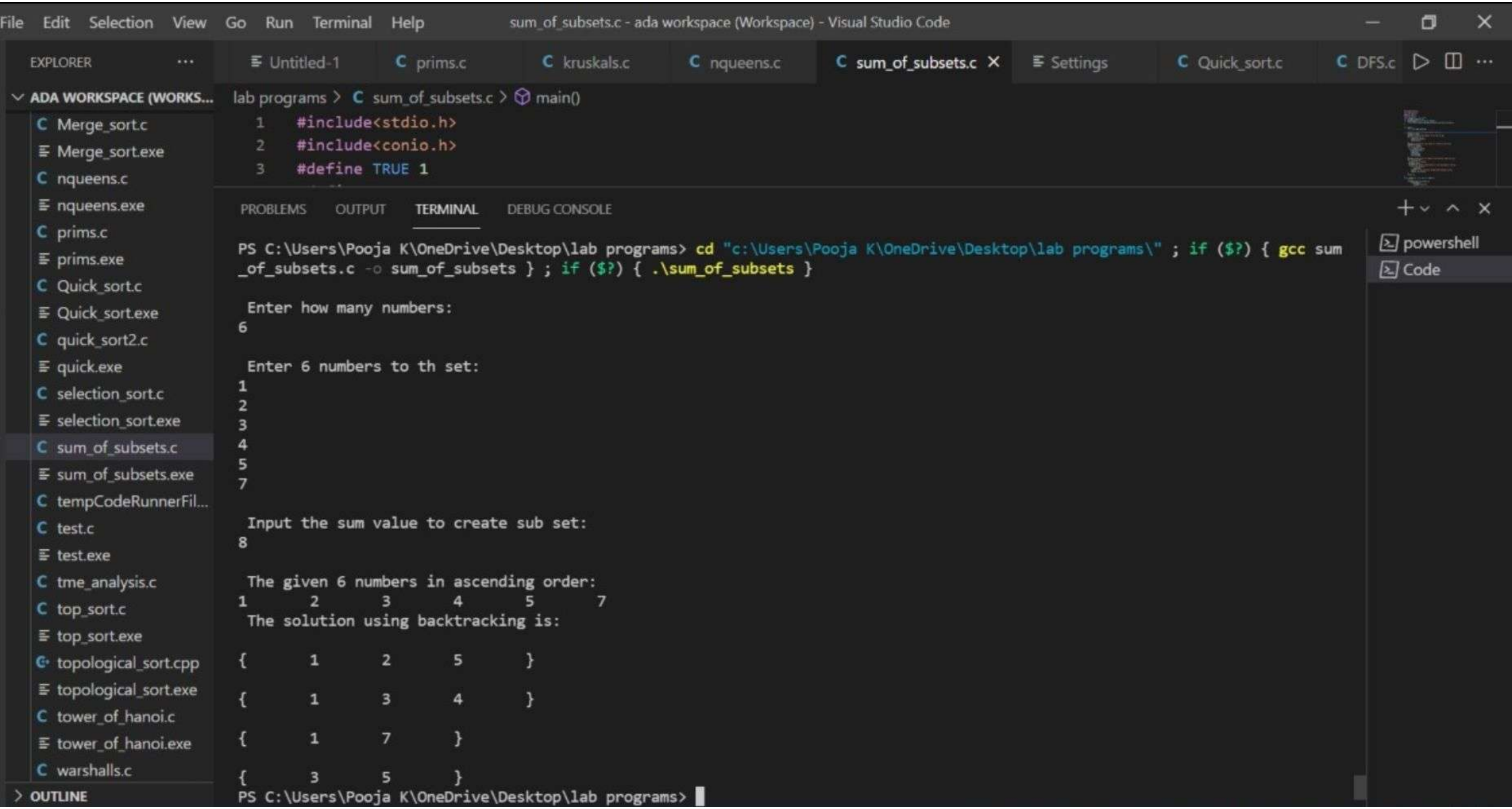

File Edit Selection View Go Run Terminal Help
nqueens.c - ada workspace (Workspace) - Visual Studio Code
EXPLORER
ADA WORKSPACE (WORKS...
Merge_sort.c
Merge_sort.exe
nqueens.c
nqueens.exe
prims.c
prims.exe
Quick_sort.c
Quick_sort.exe
quick_sort2.c
quick.exe
selection_sort.c
selection_sort.exe
sum_of_subsets.c
sum_of_subsets.exe
tempCodeRunnerFil...
test.c
test.exe
tme_analysis.c
top_sort.c
top_sort.exe
topological_sort.cpp
topological_sort.exe
tower_of_hanoi.c
tower_of_hanoi.exe
warshalls.c
OUTLINE
fib.c
Floyds.c
knapsack.c
warshalls.c
Untitled-1
prims.c
kruskals.c
nqueens.c
lab programs > nqueens.c > canplace(int, int [50])
1 #include<stdio.h>
2 #include<conio.h>
3 #include<stdlib.h>
4 int canplace(int r,int c[50])
5 {
6 int i;
7 for(i=0;i<r;i++)
8 {
9 if(c[i]==c[r] || abs(c[i]-c[r])==abs(i-r))
10 return 0;
11 }
12 return 1;
PROBLEMS
OUTPUT
TERMINAL
DEBUG CONSOLE
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc nqu
eens.c -o nqueens } ; if ($?) { .\nqueens }
enter the number of queens
4
- q - -
- - - q
q - - -
- - q -
- - q -
q - - -
- q - -
powershell
Code
0


File Edit Selection View Go Run Terminal Help
sum_of_subsets.c - ada workspace (Workspace) - Visual Studio Code
EXPLORER
Untitled-1
prims.c
kruskals.c
nqueens.c
sum_of_subsets.c
Settings
Quick_sort.c
DFS.c
ADA WORKSPACE (WORKS...
Merge_sort.c
Merge_sort.exe
nqueens.c
nqueens.exe
prims.c
prims.exe
Quick_sort.c
Quick_sort.exe
quick_sort2.c
quick.exe
selection_sort.c
selection_sort.exe
sum_of_subsets.c
sum_of_subsets.exe
tempCodeRunnerFil...
test.c
test.exe
tme_analysis.c
top_sort.c
top_sort.exe
topological_sort.cpp
topological_sort.exe
tower_of_hanoi.c
tower_of_hanoi.exe
warshalls.c
OUTLINE
lab programs > sum_of_subsets.c > main()
1 #include<stdio.h>
2 #include<conio.h>
3 #define TRUE 1
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
powershell
Code
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs> cd "c:\Users\Pooja K\OneDrive\Desktop\lab programs\" ; if ($?) { gcc sum_of_subsets.c -o sum_of_subsets } ; if ($?) { .\sum_of_subsets }
Enter how many numbers:
6
Enter 6 numbers to th set:
1
2
3
4
5
7
Input the sum value to create sub set:
8
The given 6 numbers in ascending order:
1 2 3 4 5 7
The solution using backtracking is:
{ 1 2 5 }
{ 1 3 4 }
{ 1 7 }
{ 3 5 }
PS C:\Users\Pooja K\OneDrive\Desktop\lab programs>