

C 28_q55.c > ...

```
1 // Q55: Write a program to print all the prime numbers from 1 to n.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 10
7 Output 1:
8 2 3 5 7
9
10 Input 2:
11 20
12 Output 2:
13 2 3 5 7 11 13 17 19
14
15 */
16
17 #include<stdio.h>
18 int main(){
19     int n,i,j,flag;
20     printf("Enter n: ");
21     scanf("%d",&n);
22     for(i=2;i<=n;i++){
23         flag=1;
24         for(j=2;j*j<=i;j++){
25             if(i%j==0){
26                 flag=0;
27                 break;
28             }
29         }
30         if(flag){
31             printf("%d ",i);
32         }
33     }
34     return 0;
35 }
36
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\28_q55.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

Enter n: 10

2 3 5 7

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\28_q55.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

Enter n: 20

2 3 5 7 11 13 17 19

PS C:\Users\drago\OneDrive\Desktop\C H.W> █

C 24_q47.c

C 24_q48.c

C 25_q49.c

C 25_q50.c

C 26_q51.c

C 26_q52.c

C 28_q56.c > ...

```
1 // Q56: Read and print elements of a one-dimensional array.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 3
7 10 20 30
8 Output 1:
9 10 20 30
10
11 Input 2:
12 5
13 1 2 3 4 5
14 Output 2:
15 1 2 3 4 5
16
17 */
18
19 #include<stdio.h>
20 int main(){
21     int n,i;
22     scanf("%d",&n);
23     int a[n];
24     for(i=0;i<n;i++)scanf("%d",&a[i]);
25     for(i=0;i<n;i++)printf("%d ",a[i]);
26     return 0;
27 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\28_q56.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

3

10 20 30

10 20 30

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\28_q56.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

5

1 2 3 4 5

1 2 3 4 5

PS C:\Users\drago\OneDrive\Desktop\C H.W> █