C 28_q55.c > ...

```c
// Q55: Write a program to print all the prime numbers from 1 to n.

/*
Sample Test Cases:
Input 1:
10
Output 1:
2 3 5 7

Input 2:
20
Output 2:
2 3 5 7 11 13 17 19

*/

#include<stdio.h>
int main(){
int n,i,j,flag;
printf("Enter n: ");
scanf("%d",&n);
for(i=2;i<=n;i++){
flag=1;
for(j=2;j*j<=i;j++){
if(i%j==0){
flag=0;
break;
}
}
if(flag){
printf("%d ",i);
}
}
return 0;
}

```

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 28_q56.c > ...

```c
// Q56: Read and print elements of a one-dimensional array.

/*
Sample Test Cases:
Input 1:
3
10 20 30
Output 1:
10 20 30

Input 2:
5
1 2 3 4 5
Output 2:
1 2 3 4 5

*/

#include<stdio.h>
int main(){
int n,i;
scanf("%d",&n);
int a[n];
for(i=0;i<n;i++)scanf("%d",&a[i]);
for(i=0;i<n;i++)printf("%d ",a[i]);
return 0;
}
```

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>
```