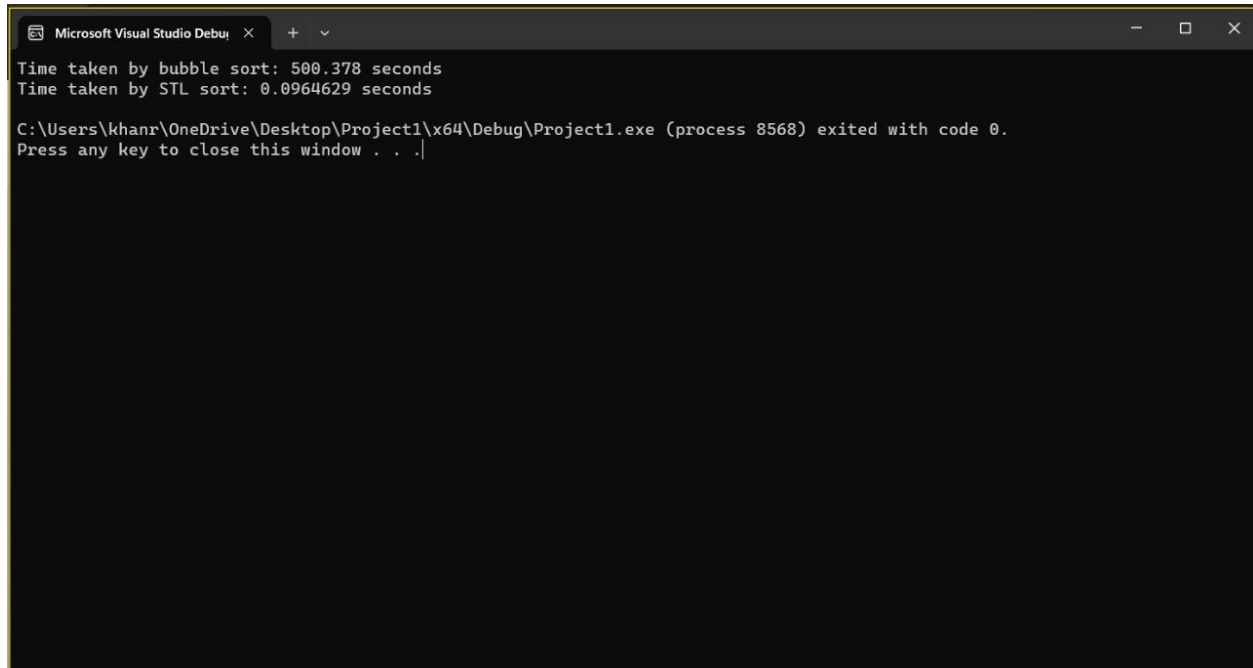


OUTPUTS

TASK 2



```
Microsoft Visual Studio Debug Console
Time taken by bubble sort: 500.378 seconds
Time taken by STL sort: 0.0964629 seconds
C:\Users\khanr\OneDrive\Desktop\Project1\x64\Debug\Project1.exe (process 8568) exited with code 0.
Press any key to close this window . . .
```

TASK 1

```
Microsoft Visual Studio Debug Console

Current Inventory:
ID: 1, Name: Product 1, Price: $10.99
ID: 3, Name: Product 3, Price: $5.99

C:\Users\khanr\OneDrive\Desktop\Project1\Debug\Project1.exe (process 1644) exited with code 0.
Press any key to close this window . . .
```

CMD

```
Command Prompt

Windows Directory: C:\Windows
System Directory: C:\Windows\system32
Boot Device: \Device\HarddiskVolume1
System Locale: en-us;English (United States)
Input Locale: en-us;English (United States)
Time Zone: (UTC+05:00) Islamabad, Karachi
Total Physical Memory: 6,027 MB
Available Physical Memory: 1,628 MB
Virtual Memory: Max Size: 7,691 MB
Virtual Memory: Available: 1,497 MB
Virtual Memory: In Use: 6,194 MB
Page File Location(s): C:\pagefile.sys
Domain: WORKGROUP
Logon Server: \\MicrosoftAccount
Hotfix(s): 9 Hotfix(s) Installed.
[01]: KB3135173
[02]: KB3136561
[03]: KB3150513
[04]: KB3161102
[05]: KB4021702
[06]: KB4033631
[07]: KB4035632
[08]: KB4134663
[09]: KB4041689
Network Card(s): 2 NIC(s) Installed.
[01]: Intel(R) Centrino(R) Wireless-N 1000 Driver
Connection Name: Wi-Fi
DHCP Enabled: Yes
DHCP Server: 192.168.23.195
IP address(es)
[01]: 192.168.23.140
[02]: fe80::cc05:6f8f:acab:e681
[03]: 2402:e000:652:38e4:f433:a977:c394:2360
[04]: 2402:e000:652:38e4:cc05:6f8f:acab:e681
[02]: Intel(R) 82579LM Gigabit Network Connection
Connection Name: Ethernet
Status: Media disconnected
Hyper-V Requirements: VM Monitor Mode Extensions: Yes
Virtualization Enabled In Firmware: No
Second Level Address Translation: Yes
Data Execution Prevention Available: Yes

C:\Users\ABDUL SAMI>
```