Programming Fundamentals

Assignment No.2 (Outputs)

Name: Muhammad Arham

Reg No.   L1F24BSCS0075

(Easy Level)

Output No.1

```
Enter 5 integers= 1 2 3 4 5
Array = { 1 2 3 4 5 }

C:\Users\L1F24BSCS0075\Desktop\Task No.1\Debug\Task No.1.exe
```

Output No.2

```
Enter 10 integers= 10 20 30 45 44 21 12 66 78 100
Sum of array elements = 426

C:\Users\L1F24BSCS0075\Desktop\Task No.2\Debug\Task No.2.exe
To automatically close the console when debugging stops, enab
le when debugging stops.
Press any key to close this window . . .
```

Output No.3

```
Enter a string= Welcome to UCP
Number of vowels= 5

C:\Users\L1F24BSCS0075\Desktop\Task No.3\Debug\Task No.3.exe
To automatically close the console when debugging stops, enab
le when debugging stops.
Press any key to close this window . . .
```

Output No.4

```
Enter text to save in file= This is my File!!!

Text saved to 'output.txt' successfully!

C:\Users\L1F24BSCS0075\Desktop\Task No.4\Debug\Task No.4.exe
```

output - Notepad

File   Edit   Format   View   Help

This is my File!!!

Output No.5

```
Enter a string= Arham
Characters in the string=
A
r
h
a
m
```

(Medium Level)

Output No.6

```
The maximum element in the array is= 1123

C:\Users\l1f24bscs0075\Desktop\Task No.6\Debug\Task No.6.exe
ited with code 0.
```

Output No.7

```
C:\ Microsoft Visual Studio Debug Console
Enter a string= My Name is Arham
Reversed String= mahrA si emaN yM

C:\Users\Muhammad Arham\OneDrive\Desktop\Task No.7\x64\Debug\Task No.7.exe
To automatically close the console when debugging stops, enable Tools->Opti
le when debugging stops
```

Output No.8

```
C:\ Microsoft Visual Studio Debug Console
File created and written successfully.
Total words in file: 10

C:\Users\Muhammad Arham\OneDrive\Desktop\Task No.8\x64\Debug\Task No.8.exe
To automatically close the console when debugging stops, enable Tools->Opti
```

```
words - Notepad
File  Edit  Format  View  Help
This is a sample file containing some words to count.
```

Output No.9

```
C:\ Microsoft Visual Studio Debug Console
Enter a string= madam
The string is a palindrome

C:\Users\Muhammad Arham\OneDrive\
```

Output No.10

Student Management System

Adding Student Record

Viewing All Student Records

Search by Roll Number

Update Student GPA

```
Student Management System
1. Add Student Record
2. View All Student Records
3. Search Student by Roll Number
4. Update Student GPA
5. Delete Student Record
0. Exit
Enter your choice: 4
Enter Roll Number to update GPA= L1F24BSCS0075
Enter new GPA= 3.99
GPA updated successfully
```

students - Notepad

File   Edit   Format   View   Help

```
Muhammad Arham,L1F24BSCS0075,Computer Science,3.99
Fareed Khalid,L1F24BSCS0077,Computer Science,3.1
Momina Qasim,L1F24BSCS0168,Computer Science,2.78
Zainab Faisal,L1F22BSPHMD0127,PharmD,3.98
```

Delete Student Record

```
Student Management System
1. Add Student Record
2. View All Student Records
3. Search Student by Roll Number
4. Update Student GPA
5. Delete Student Record
0. Exit
Enter your choice: 5
Enter Roll Number to delete: L1S25BSCS0134
Student deleted successfully

Student Management System
1. Add Student Record
2. View All Student Records
3. Search Student by Roll Number
4. Update Student GPA
5. Delete Student Record
0. Exit
Enter your choice: 0
Exiting
```

students - Notepad

File   Edit   Format   View   Help

```
Muhammad Arham,L1F24BSCS0075,Computer Science,3.99
Fareed Khalid,L1F24BSCS0077,Computer Science,3.1
Momina Qasim,L1F24BSCS0168,Computer Science,2.78
Zainab Faisal,L1F22BSPHMD0127,PharmD,3.98
```

Pakistan Super League (HBL-PSL) Management System

Add Player Record

View All Players

Search Player by Name or Team

```
PSL Management System
1. Add Player Record
2. View All Players
3. Search Player by Name or Team
4. Update Player Stats
5. Delete Player Record
0. Exit
Enter your choice= 3
Search by
1. Name
2. Team
Enter choice=2
Enter search keyword= Peshawar Zalmi

Name: Babar Azam
Team: Peshawar Zalmi
Role: Batsman
Runs: 3487
Wickets: 0
```

Update Player Stats

```
PSL Management System
1. Add Player Record
2. View All Players
3. Search Player by Name or Team
4. Update Player Stats
5. Delete Player Record
0. Exit
Enter your choice= 4
Enter Player Name to update stats= Shadab Khan
Update
1. Runs
2. Wickets
Enter choice=2
Enter new value= 97
Stats updated successfully
```

```
players - Notepad
File  Edit  Format  View  Help
Babar Azam,Peshawar Zalmi,Batsman,3487,0
Shaheen Shah Afridi,Lahore Qalandars,Bowler,375,87
Muhammad Rizwan,Multan Sultans,Batsman,2798,0
Muhammad Amir,Quetta Galadiators,Bowler,456,135
Shadab Khan,Islamabad United,All-Rounder,1234,98
```

Delete Player Record

```
PSL Management System
1. Add Player Record
2. View All Players
3. Search Player by Name or Team
4. Update Player Stats
5. Delete Player Record
0. Exit
Enter your choice= 5
Enter Player Name to delete= David Warner
Player deleted successfully
```

```
players - Notepad
File  Edit  Format  View  Help
Babar Azam,Peshawar Zalmi,Batsman,3487,0
Shaheen Shah Afridi,Lahore Qalandars,Bowler,375,87
Muhammad Rizwan,Multan Sultans,Batsman,2798,0
Muhammad Amir,Quetta Galadiators,Bowler,456,135
Shadab Khan,Islamabad United,All-Rounder,1234,98
```