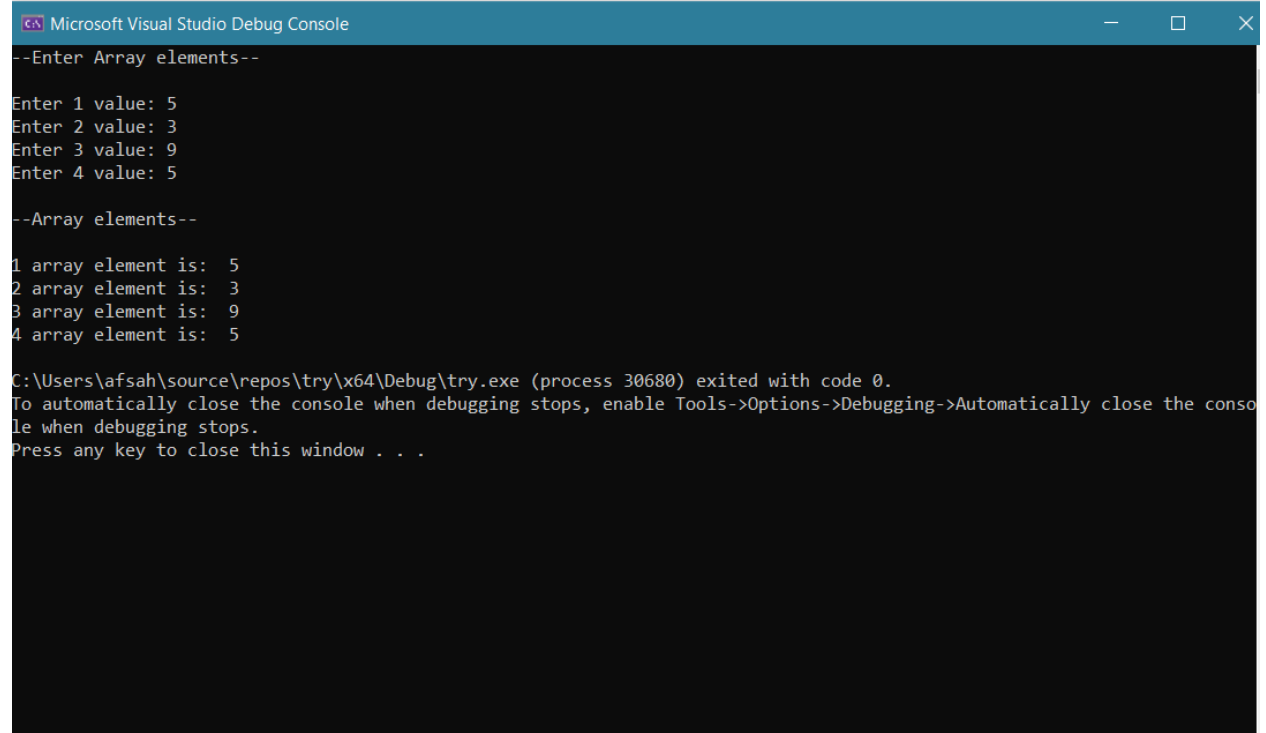


Lab#04  
Object oriented programming.  
11/08/2022

**Task#01**

Write a program with a class that takes an integer array from the user and display it using pointers.

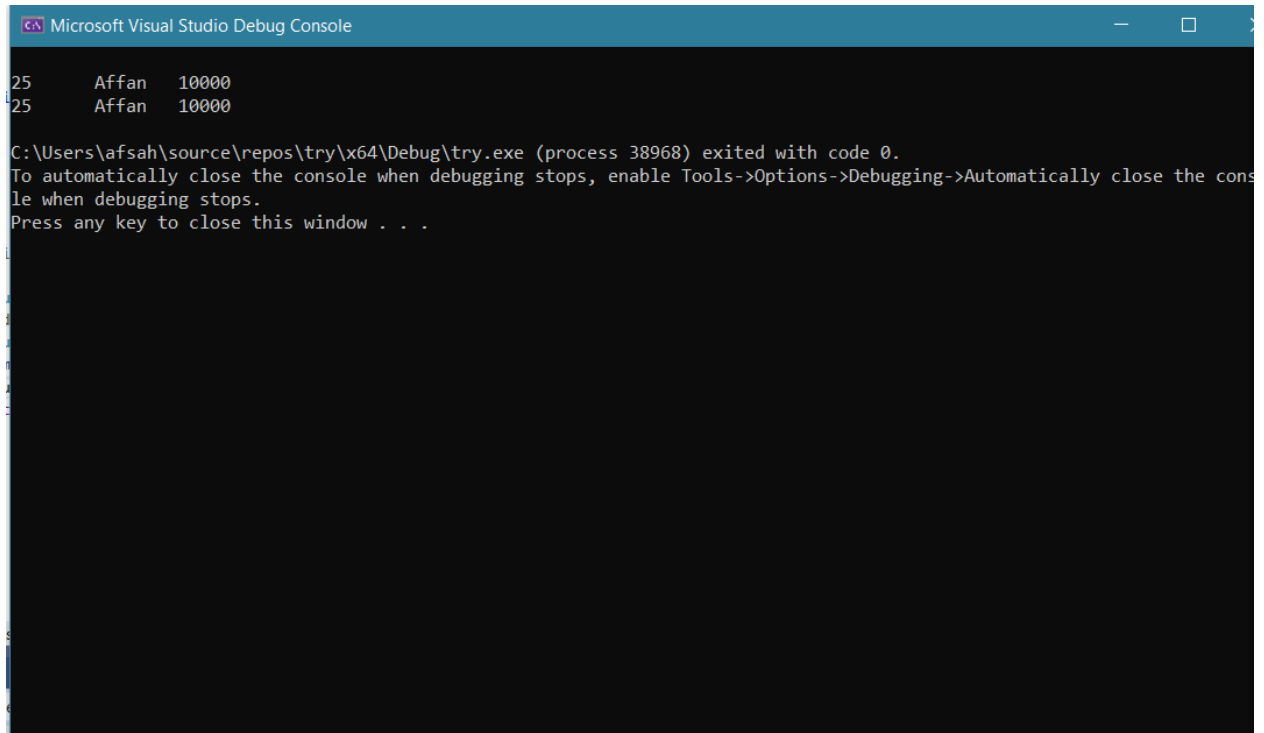
A screenshot of the Microsoft Visual Studio Debug Console window. The window has a title bar with the text "Microsoft Visual Studio Debug Console" and standard window controls (minimize, maximize, close). The console output is as follows:

```
--Enter Array elements--  
  
Enter 1 value: 5  
Enter 2 value: 3  
Enter 3 value: 9  
Enter 4 value: 5  
  
--Array elements--  
  
1 array element is: 5  
2 array element is: 3  
3 array element is: 9  
4 array element is: 5  
  
C:\Users\afsah\source\repos\try\x64\Debug\try.exe (process 30680) exited with code 0.  
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.  
Press any key to close this window . . .
```

Lab#04  
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**Task#02**

Write a C++ program that creates a class called student. Data members of class are rno(int), name(string), fee(int). You have to initialize an object using another object of the same class.



```
Microsoft Visual Studio Debug Console

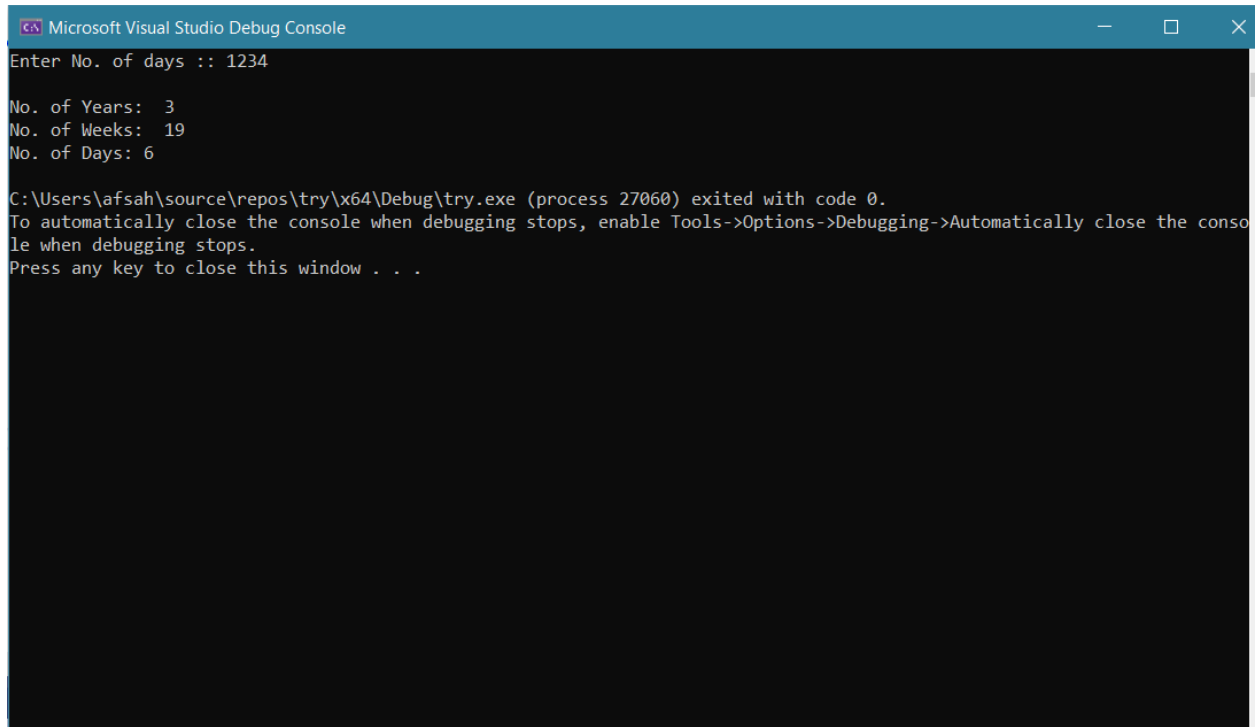
25      Affan    10000
25      Affan    10000

C:\Users\afisah\source\repos\try\x64\Debug\try.exe (process 38968) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Lab#04  
Object oriented programming.  
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**Task#03**

Write a C++ program that finds the number of days, months and years in the given day's time. Make sure that object is non modifiable.

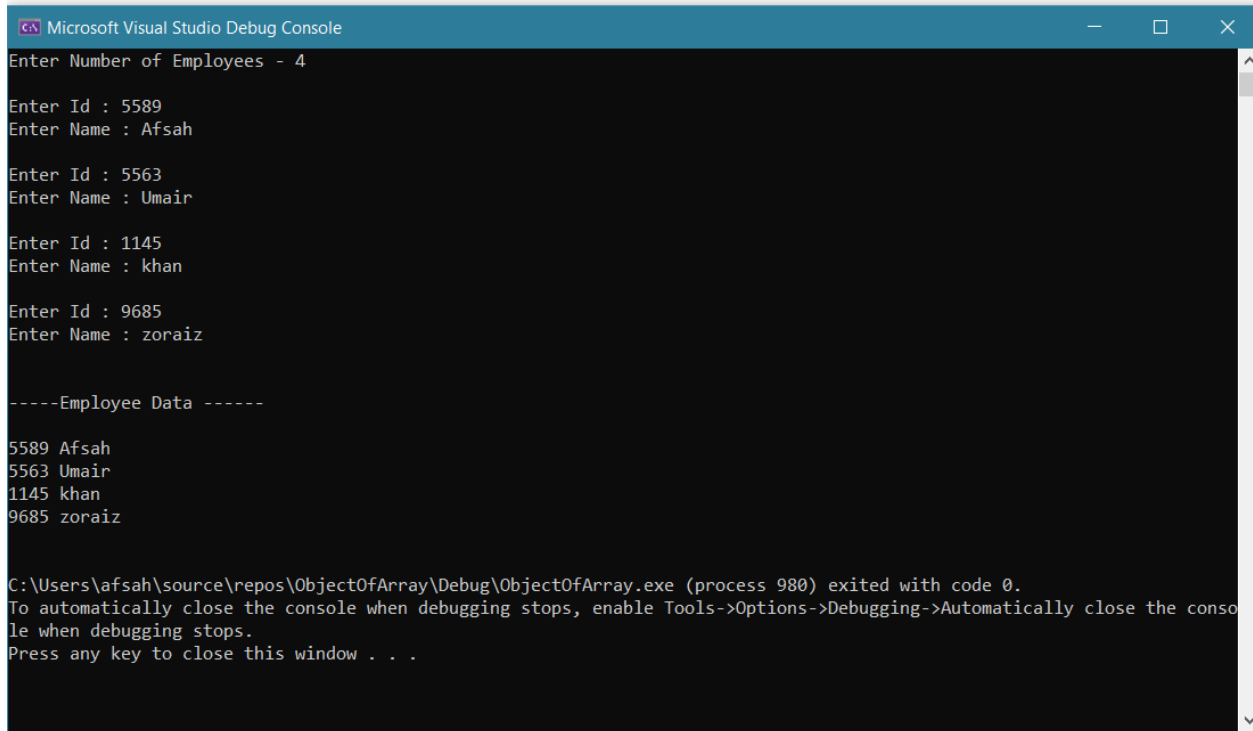


```
Microsoft Visual Studio Debug Console
Enter No. of days :: 1234
No. of Years: 3
No. of Weeks: 19
No. of Days: 6
C:\Users\afsah\source\repos\try\x64\Debug\try.exe (process 27060) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Lab#04  
Object oriented programming.  
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**Task#04**

Write a C++ program that creates a class called Employee. This class should first ask about the number of employees and then take their id(int) and name(string) one by one and display them.



```
Microsoft Visual Studio Debug Console
Enter Number of Employees - 4

Enter Id : 5589
Enter Name : Afsah

Enter Id : 5563
Enter Name : Umair

Enter Id : 1145
Enter Name : khan

Enter Id : 9685
Enter Name : zoraiz

-----Employee Data -----
5589 Afsah
5563 Umair
1145 khan
9685 zoraiz

C:\Users\afsah\source\repos\ObjectOfArray\Debug\ObjectOfArray.exe (process 980) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```