

Question 01.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main() {
4     double ageyears;
5     string name = "Absar Ahmed";
6     int sapid = 72374;
7     cout << "Enter age in years: ";
8     cin >> ageyears;
9     double agemonths = ageyears * 12;
10    double agedays = ageyears * 365;
11    cout << "Name: " << name << endl;
12    cout << "SAP ID: " << sapId << endl;
13    cout << "age in months: " << agemonths << endl;
14    cout << "age in days: " << agedays << endl;
15
16    return 0;
17 }
```

Shot on AWESOME A70

A screenshot of a Windows command-line interface window titled "C:\Users\dt\Documents\GitHub\Digital\src\main.cpp - [Debugging] - Dev-C++ 5.11". The window contains the following text:

```
File Edit Search View Project Debug Task Msys Window Help
C:\Users\dt\Documents\GitHub\Digital\src\main.cpp
Project Editon age in years: 10
Age in days: 3650
Age in months: 264
Age in years: 10

Process exited after 00.20 seconds with return value 0
Press any key to continue . . .
```

question 04.cpp

```
1 #include<iostream>
2 using namespace std;
3 int main() {
4     double totalstudents;
5     double fee;
6     double totalfee;
7     string name= "Absar Ahmed";
8     int sapid= 72374;
9     cout<< "Enter your totalstudents" << endl;
10    cin>> totalstudents;
11    cout<< "Enter your fee per student" << endl;
12    cin>> fee;
13    totalfee= totalstudents*fee;
14    cout<< "your total calculated fee=" << totalfee << endl;
15    cout<< "SAP ID: " << sapid << endl;
16
17 }
```

Shot on AWESOME A70

```
C:\Users\dell\Documents\question 0%.exe
Project 55
Enter your totalstudent
55
Enter your fee per student
100000
your total calculated Fee=5.5e+006
SAP ID: 723/4

-----
Process exited after 13.02 seconds with return value 0
Press any key to continue . . .
show me AWESOME A20
```

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     double num1, num2, num3, num4;
7     double sum, average, product;
8     cout << "Enter four numbers: ";
9     cin >> num1 >> num2 >> num3 >> num4;
10    sum = num1 + num2 + num3 + num4;
11    average = sum / 4;
12    product = num1 * num2 * num3 * num4;
13    cout << "Sum: " << num1 << endl;
14    cout << "Sum: " << sum << endl;
15    cout << "Average: " << average << endl;
16    cout << "Product: " << product << endl;
17    return 0;
}
```

File Edit View Insert Project Classes Debug

Untitled (C++)

Custom 02.cpp

```
1 #include<iostream.h>
2 using namespace std;
3
4 int main()
5 {
6     cout << "Enter four numbers: ";
7     int a, b, c, d;
8     cin >> a >> b >> c >> d;
9
10    cout << "Name: Alaa Alsaad" << endl;
11    cout << "GPA: 10: 72.374" << endl;
12    cout << "sum: 30" << endl;
13    cout << "average: 5" << endl;
14    cout << "product: 364" << endl;
15
16    cout << "-----" << endl;
17    cout << "Process exited after 8.12 seconds with return value 0" << endl;
18    cout << "Press any key to continue . . . "
19 }
```

Details Resources

AWESOME A7D

```
class Solution {
public:
    int maxProfit(vector<int> &prices) {
        if(prices.size() < 2) return 0;
        int minPrice = prices[0];
        int maxProfit = 0;
        for(int i = 1; i < prices.size(); i++) {
            if(prices[i] < minPrice) minPrice = prices[i];
            else if(prices[i] - minPrice > maxProfit) maxProfit = prices[i] - minPrice;
        }
        return maxProfit;
    }
};
```

```
C:\Users\dell\Documents\Question o3.cvc
Absar ahmed
sapid 723720
Enter miles: 85
kilometers are = 90.865

-----
Process exited after 6.866 seconds with return value 0
Press any key to continue . . .
```

In AWESOME A70