

Q # 1: Write a program that inputs age in years and displays age in months and days.

```
#include<iostream>

using namespace std;

int main()
{
    int ageYears;

    int agetmonths=ageYears*12;

    int agedays=ageYears*365;

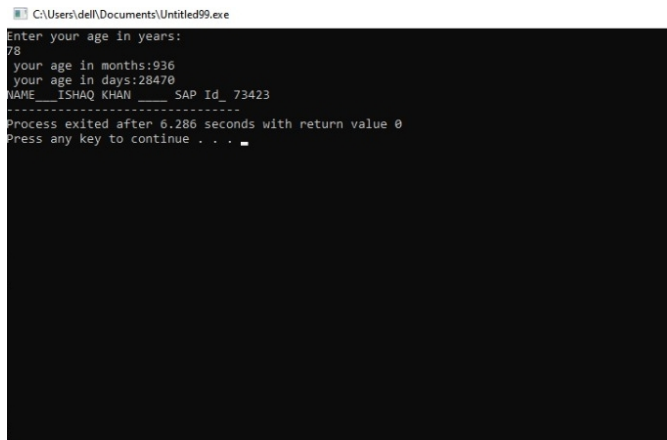
    cout<<"enter your age in years"<<endl;

    cin>>ageYears;

    cout<<"your age in months:"<<agetmonths<<endl;

    cout<<"your age in days:"<<agedays <<endl;

    return 0;
}
```



```
C:\Users\del\Documents\Untitled99.exe
Enter your age in years:
78
your age in months:936
your age in days:28470
NAME_I SHAQ KHAN SAP Id_73423
-----
Process exited after 6.286 seconds with return value 0
Press any key to continue . . .
```

Q # 2: Write a program that inputs 4 numbers and calculates the sum, average, and product of all the numbers.

```
#include<iostream>

using namespace std;

int main(){

    float num1 ,num2,num3,num4;

    float product,sum,average;

    cout<<"enter four numbers: \n";

    cin>>num1 >>num2>>num3>>num4;

    sum=num1+num2+num3+num4;

    average=sum/4;

    product=num1*num2*num3*num4;

    cout<<"sum of four numbers:"<<sum<<endl;

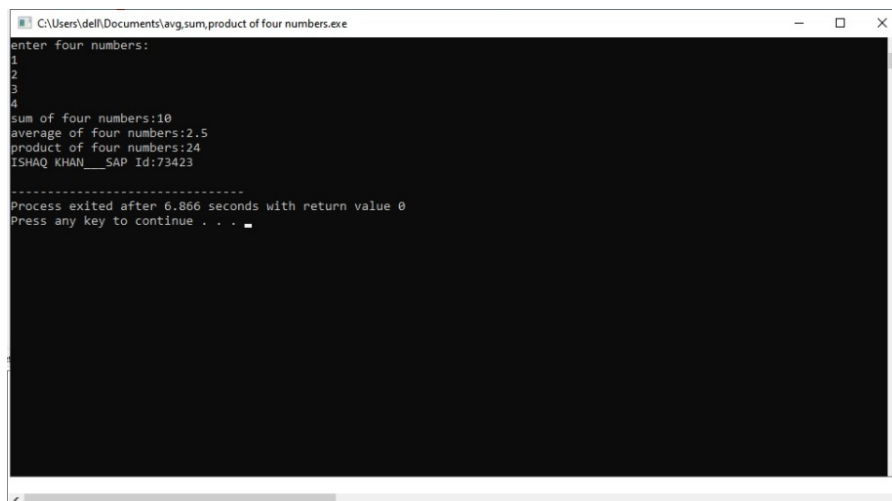
    cout<<"average of four numbers:"<<average<<endl;

    cout<<"product of four numbers:"<<product<<endl;

    cout<<"ISHAQ KHAN___SAP Id:73423"<<endl;

    return 0;

}
```



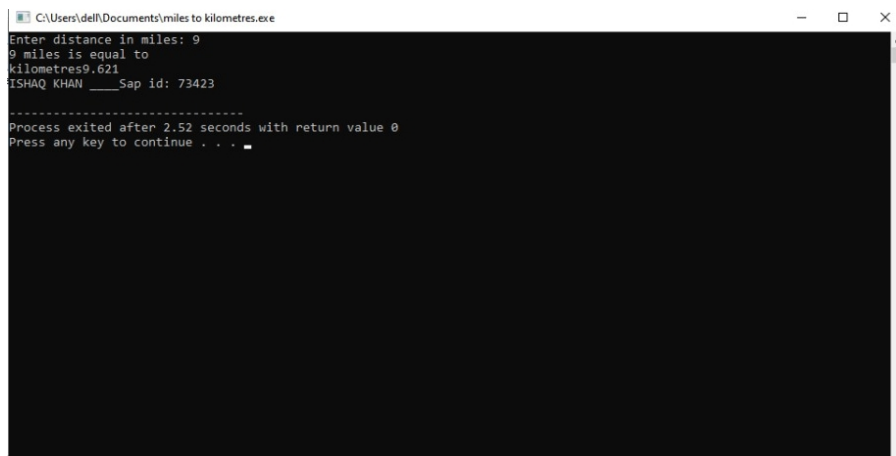
```
C:\Users\deli\Documents\avg,sum,product of four numbers.exe
enter four numbers:
1
2
3
4
sum of four numbers:10
average of four numbers:2.5
product of four numbers:24
ISHAQ KHAN___SAP Id:73423
-----
Process exited after 6.866 seconds with return value 0
Press any key to continue . . .
```

Q # 3: Write a program that inputs miles from the user and convert miles into kilometres. One mile is equal to 1.069 kilometre.

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {  
    float miles;  
    float kilometres;  
    cout << "Enter distance in miles: ";  
    cin >> miles;  
    kilometres = miles * 1.069;  
    cout << miles << " miles is equal to " << endl;  
        cout << "kilometres" << kilometres << endl;  
        cout << "ISHAQ KHAN ____ Sap id: 73423" << endl;  
    return 0;  
}
```



```
C:\Users\dell\Documents\miles to kilometres.exe  
Enter distance in miles: 9  
9 miles is equal to  
kilometres9.621  
ISHAQ KHAN ____ Sap id: 73423  
-----  
Process exited after 2.52 seconds with return value 0  
Press any key to continue . . .
```

Q # 4: Write a program that inputs total number of students in a class and fee per student. It displays total fee collected from the class.

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    int numberOfStudents;
```

```
    float feePerStudent, totalFee;
```

```
    cout << "Enter the total number of students: ";
```

```
    cin >> numberOfStudents;
```

```
    cout << "Enter fee per student: ";
```

```
    cin >> feePerStudent;
```

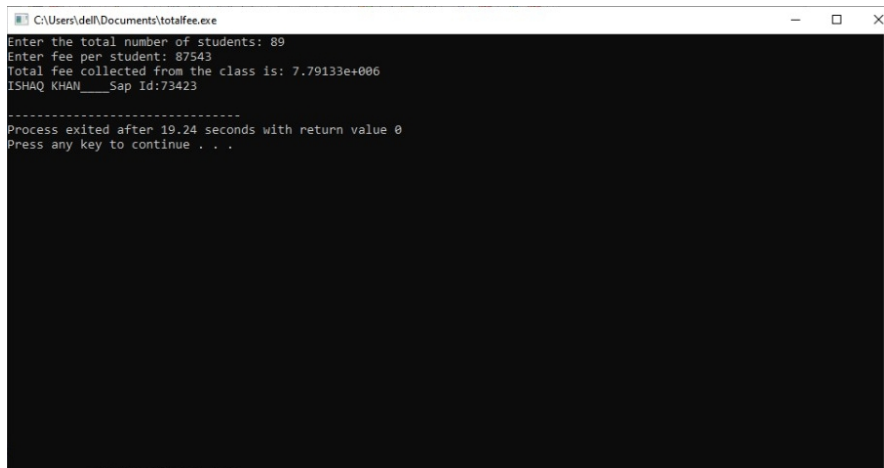
```
    totalFee = numberOfStudents * feePerStudent;
```

```
    cout << "Total fee collected from the class is: " << totalFee << endl;
```

```
    cout<<"ISHAQ KHAN____Sap Id:73423"<<endl;
```

```
    return 0;
```

```
}
```



```
C:\Users\dell\Documents\totalfee.exe
Enter the total number of students: 89
Enter fee per student: 87543
Total fee collected from the class is: 7.79133e+006
ISHAQ KHAN____Sap Id:73423
-----
Process exited after 19.24 seconds with return value 0
Press any key to continue . . .
```