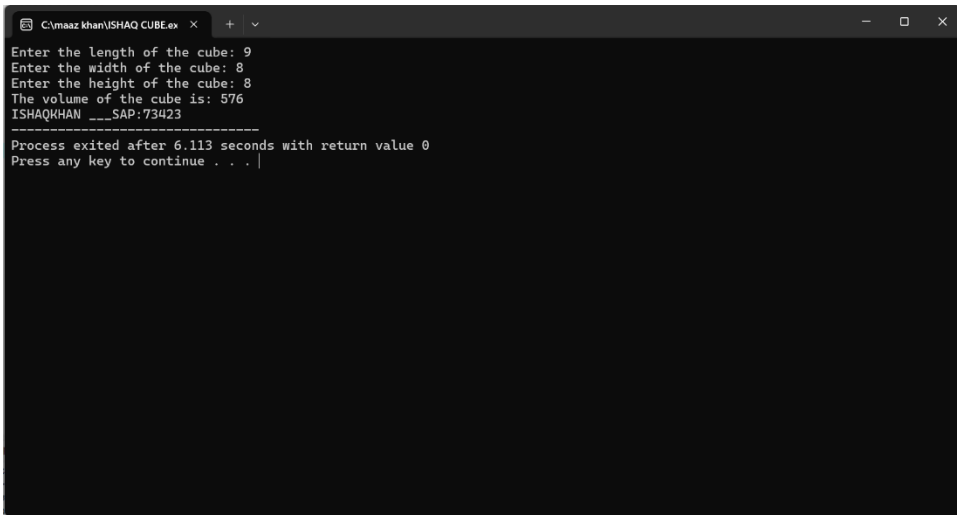
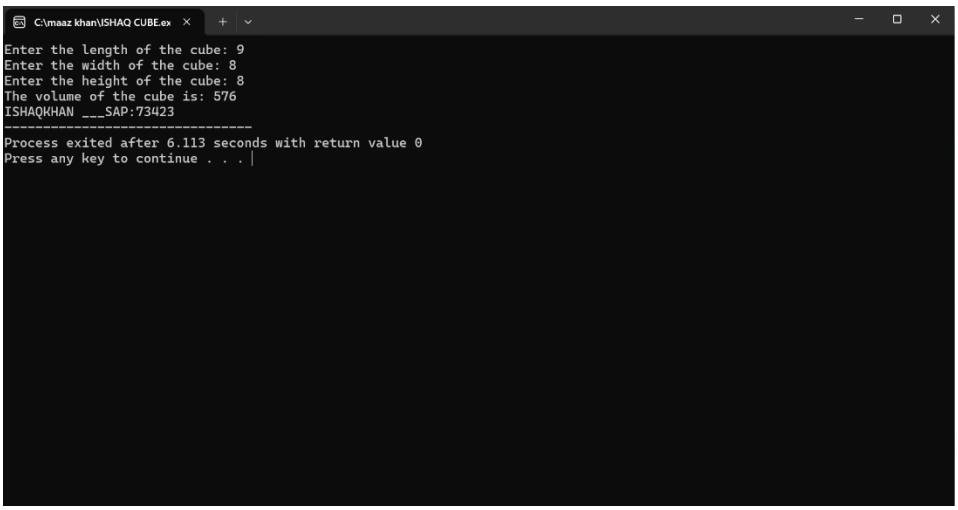
Q5: Write a program that takes temperature in Fahrenheit from the user and converts it into Celsius using the formula: c= 5/9 (F-32)

```
#include<iostream>

using namespace std;

int main() {

   float fahrenheit;

         float celsius;

   cout << "Enter the temperature in Fahrenheit "<<endl;

   cin >> fahrenheit;

   celsius = 5.0/ 9 * fahrenheit - 32;

   cout << "Temperature in Celsius: " << celsius << endl;

   cout<<" ISHAQKHAN___SAP:73423";

   return 0;

}
```



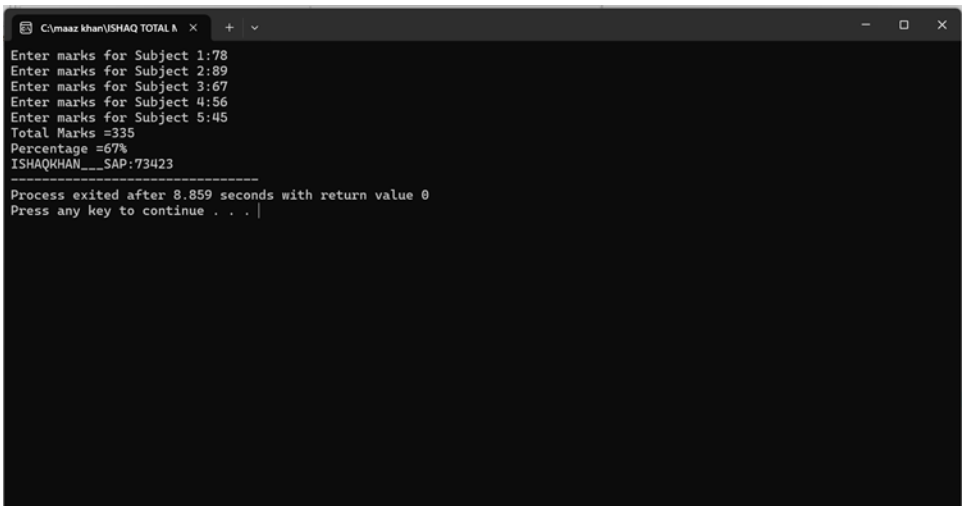
Q6: Write a program that calculates the volume of a cube by taking its measurements (length, width, and height) from the user. Formula : V = length * width * height

```
#include <iostream>

using namespace std;

int main() {
   float length;
         float width;
         float height;
         float volume;
   cout<<"Enter the length of the cube: ";
   cin>>length;
   cout<<"Enter the width of the cube: ";
   cin >> width;
   cout <<"Enter the height of the cube: ";
   cin >> height;
   volume = length*width*height;
   cout << "The volume of the cube is: " <<volume<< endl;
   cout<<"ISHAQKHAN ___SAP:73423";
   return 0;
}
```



Q7: Write a program that takes marks obtained by a student in five subjects and calculates the total marks and percentage

```
#include <iostream>
using namespace std;
int main() {
   float subject1;
         float subject2;
         float subject3;
         float subject4;
         float subject5;
   float totalMarks, percentage;
   cout<<"Enter marks for Subject 1:";
   cin>>subject1;
   cout<<"Enter marks for Subject 2:";
   cin>>subject2;
   cout<<"Enter marks for Subject 3:";
   cin>>subject3;
   cout<<"Enter marks for Subject 4:";
   cin>>subject4;
   cout<<"Enter marks for Subject 5:";
   cin>>subject5;
   totalMarks=subject1+subject2+subject3+subject4+subject5;
   percentage= totalMarks / 500*100;
   cout<<"Total Marks ="<<totalMarks<<endl;
   cout<<"Percentage =" << percentage<<"%"<<endl;
   cout<<"ISHAQKHAN___SAP:73423";
   return 0;
}
```


C:\maaz khan\ISHAQ TOTAL M
Enter marks for Subject 1:78
Enter marks for Subject 2:89
Enter marks for Subject 3:67
Enter marks for Subject 4:56
Enter marks for Subject 5:45
Total Marks =335
Percentage =67%
ISHAQKHAN___SAP:73423

Process exited after 8.859 seconds with return value 0
Press any key to continue . . .