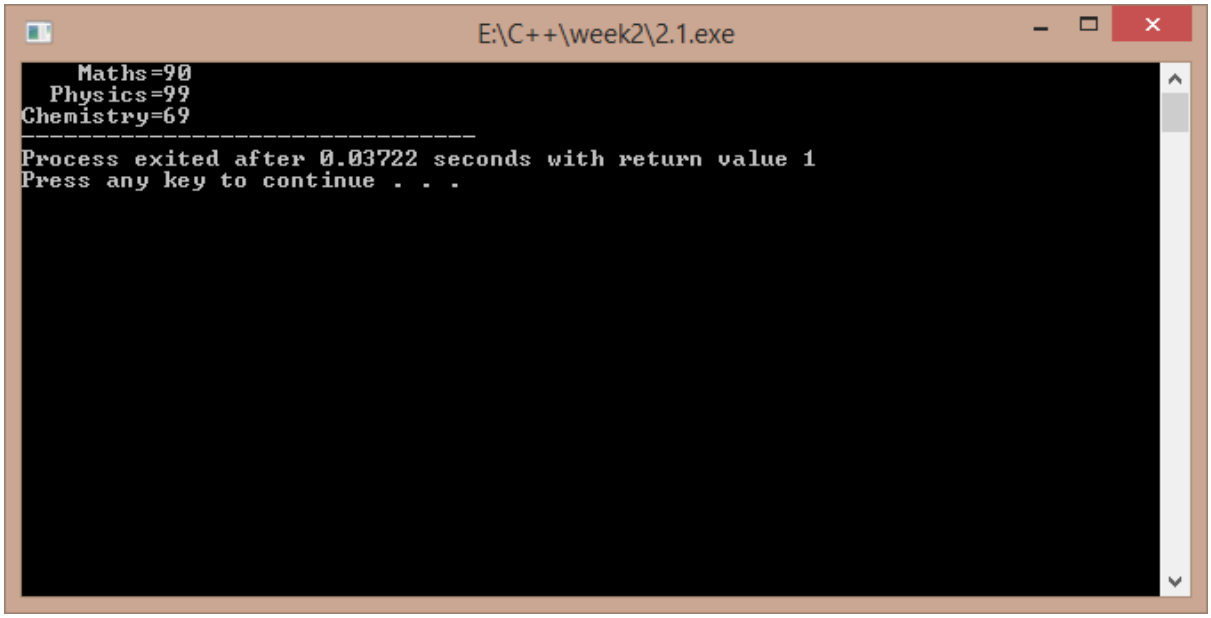
PROGRAMMING EXERCISE

2.1)

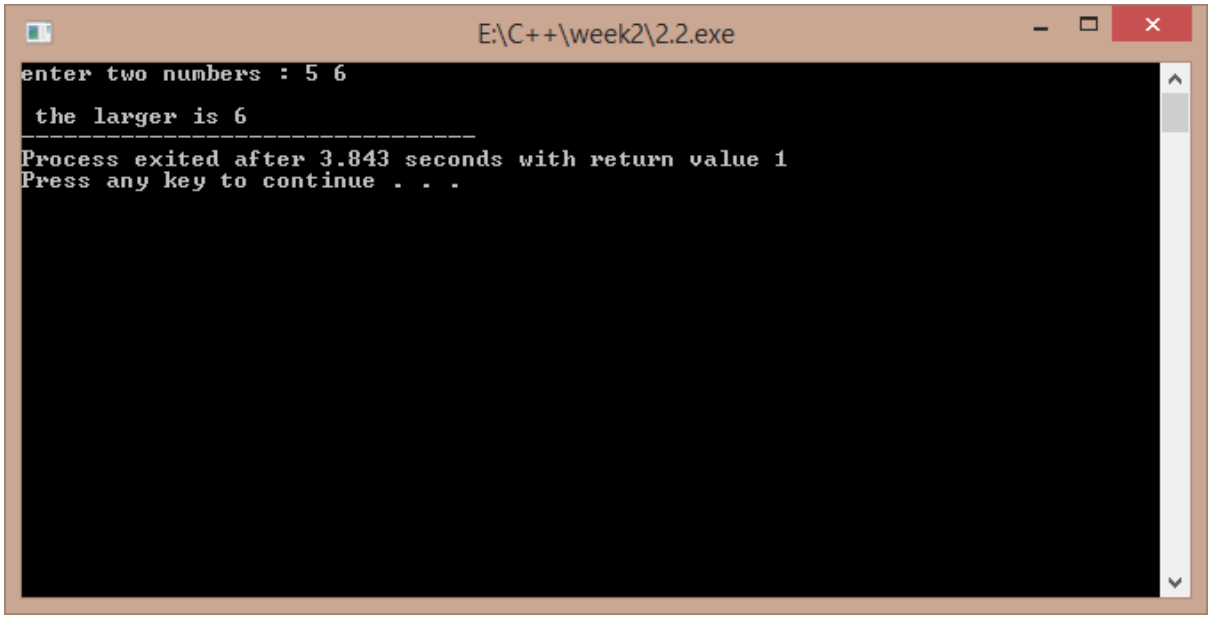
```
#include<iostream>

using namespace std;

int main()

{

        cout<<"    Maths=90\n  Physics=99\nChemistry=69";

        return 1;

}
```



2.2)

```
#include<iostream>

using namespace std;

int main()
```

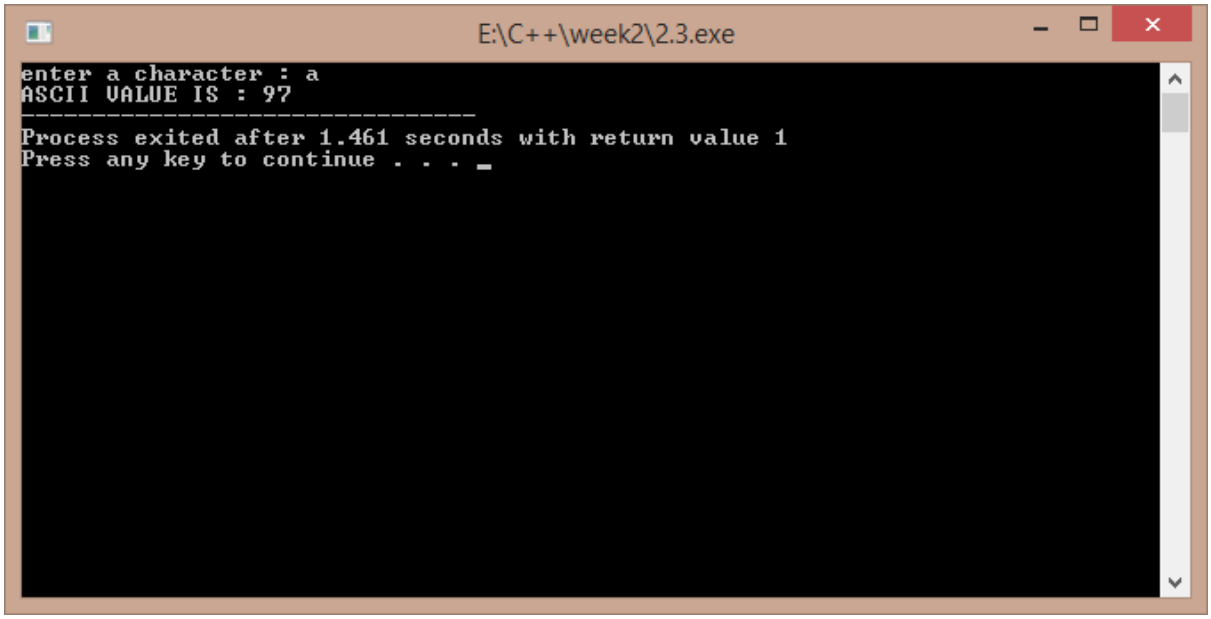
```
{
        int a,b;
        cout<<"enter two numbers : ";
        cin>>a>>b;
        if(a>b)
        cout<<"\nthe larger is "<<a;
        else
        cout<<"\n the larger is "<<b;
        return 1;
}
```



2.3)

```
#include<iostream>
using namespace std;
int main()
{
        char ch;
```

```
        cout<<"enter a character : ";
        cin>>ch;
        cout<<"ASCII VALUE IS : "<<(int)ch;
        return 1;
}
```

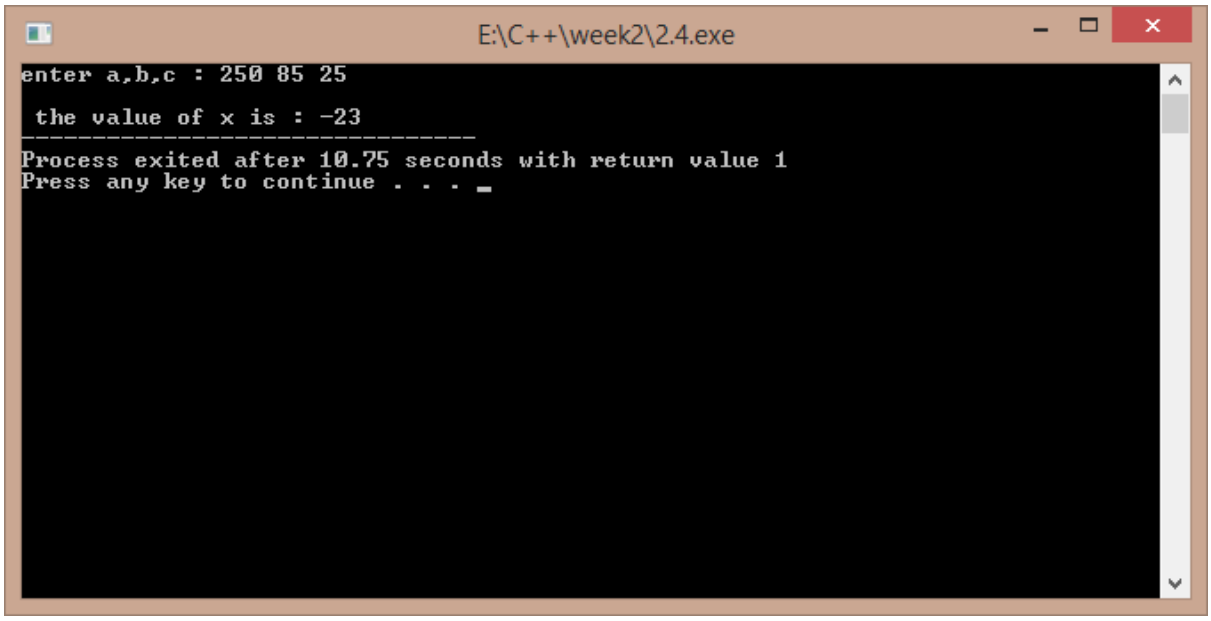


2.4)

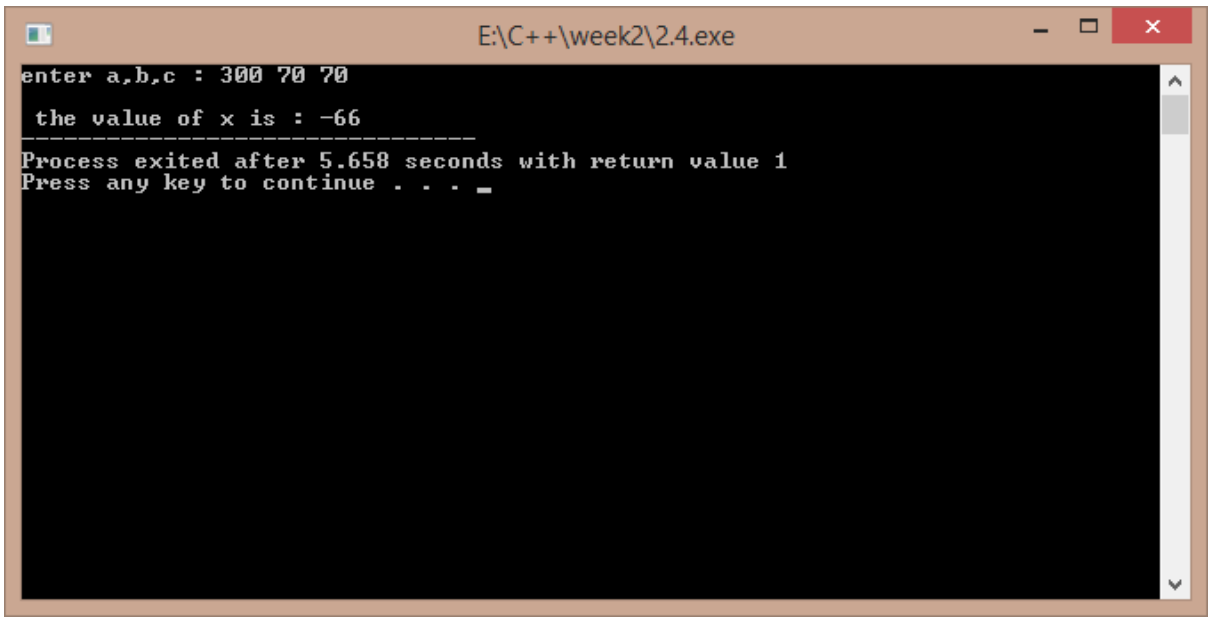
```
#include<iostream>
using namespace std;
int main()
{
        cout<<"enter a,b,c : ";
        int a,b,c,x;
        cin>>a>>b>>c;
        x=a/b-c;
        cout<<"\n the value of x is : "<<x;
        return 1;
```

}

a)



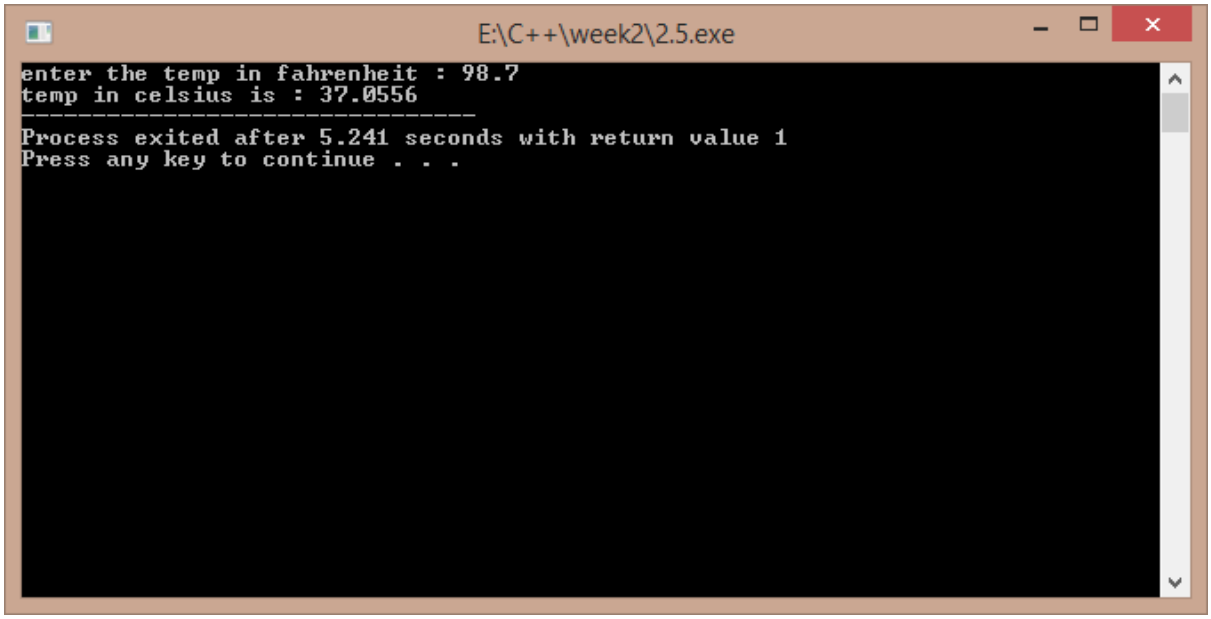
b)



2.5)

#include<iostream>

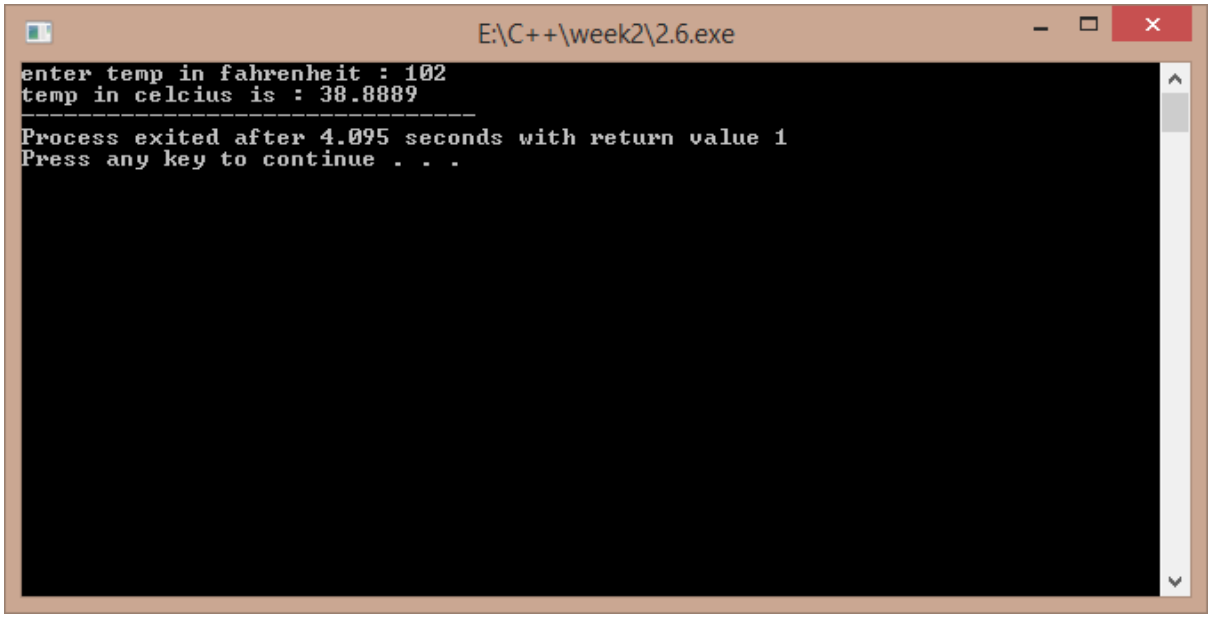
```
using namespace std;

int main()

{

	float c,f;

	cout<<"enter the temp in fahrenheit : ";

	cin>>f;

	c=(5/9)*(f-32);

	cout<<"temp in celsius is : "<<c;

	return 1;

}
```



2.6)

```
#include<iostream>

using namespace std;

class temp

{

	float f,c;
```

```
        public:
                void get();
                void cel();
};
void temp::get()
                {
                        cout<<"enter temp in fahrenheit : ";
                        cin>>f;
                }
void temp::cel()
                {
                        c=5*(f-32)/9;
                        cout<<"temp in celcius is : "<<c;
                }
int main()
{
        temp t;
        t.get();
        t.cel();
return 1;
}
```

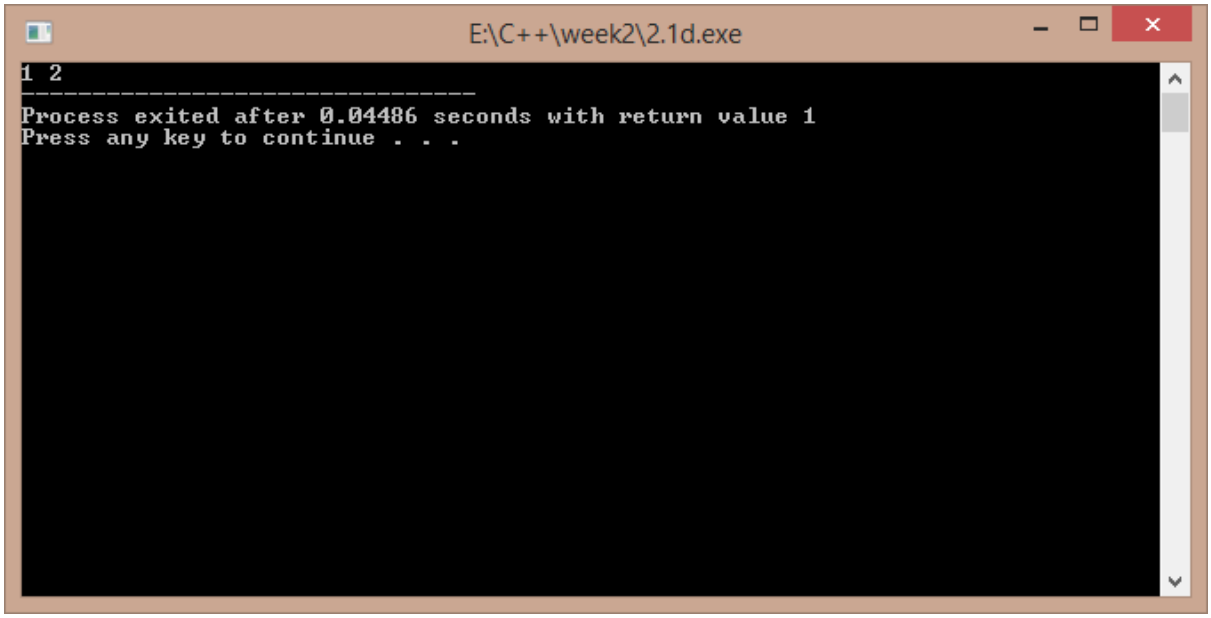


DEBUGGING EXERCISE

2.1)

```
#include<iostream>

using namespace std;

int main()

{
        int i=0;

        i=i+1;

        cout<<i<<" ";

        /*comment\*/i=i+1;

        cout<<i;

}
```

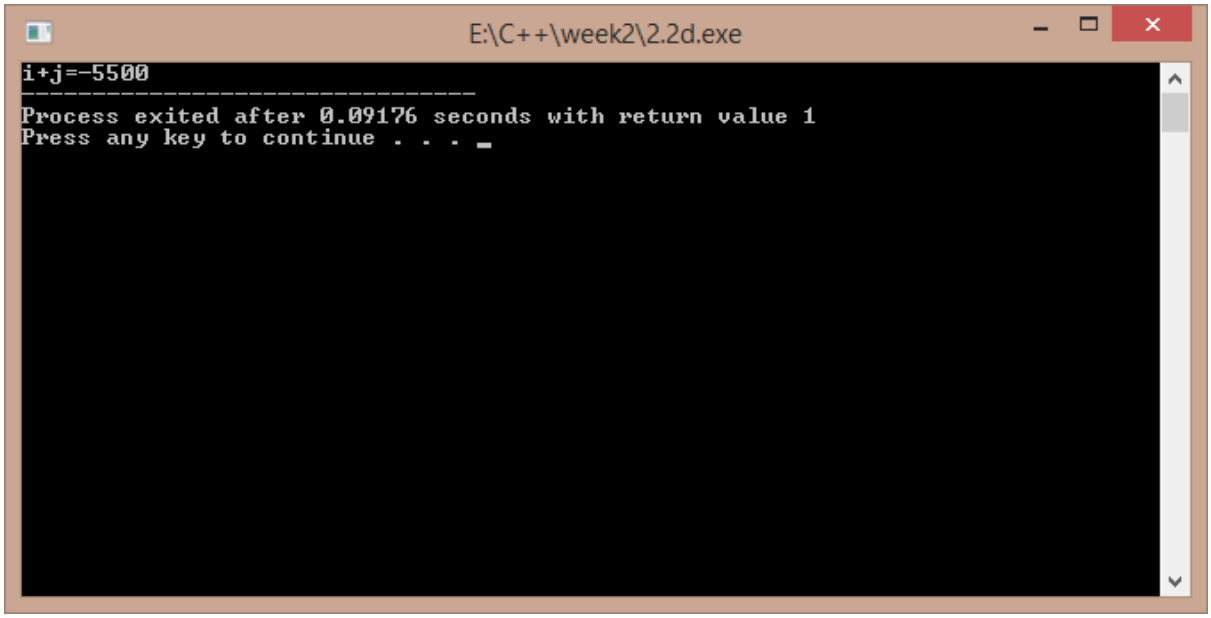
‘ / ‘ should be removed from the 7th line



2.2)

```
#include<iostream>

using namespace std;

int main()

{

        short i=2500,j=3000;

        cout<<"i+j="<<-(i+j);

return 1;

}
```

In 6th line insertion operator must be used , not the extraction operator ..



2.3)

```
#include<iostream>

using namespace std;

int main()

{

        int i=10,j=5;

        int modResult=0;

        int divResult=0;

        modResult=i%j;

        cout<<modResult<<" ";

        divResult=i/modResult;

        cout<<divResult;

        return 1;

}
```

This code will generate a compiler error because in tenth line I is being divided by zero ..