PROGRAMMING EXERCISE

```
2.1)
#include<iostream>
using namespace std;
int main()
{
        cout<<" Maths=90\n Physics=99\nChemistry=69";
        return 1;
}</pre>
```

```
Maths=90
Physics=99
Chemistry=69
Process exited after 0.03722 seconds with return value 1
Press any key to continue . . .
```

```
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;
}</pre>
```

```
enter two numbers: 5 6

the larger is 6

Process exited after 3.843 seconds with return value 1

Press any key to continue . . .
```

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

```
enter a character: a
ASCII VALUE IS: 97

Process exited after 1.461 seconds with return value 1
Press any key to continue . . . _
```

```
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;</pre>
```

a)

```
enter a,b,c: 250 85 25

the value of x is: -23

Process exited after 10.75 seconds with return value 1

Press any key to continue . . . _
```

b)

```
enter a,b,c : 300 70 70

the value of x is : -66

Process exited after 5.658 seconds with return value 1

Press any key to continue . . . _
```

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;
}</pre>
```

```
enter the temp in fahrenheit: 98.7
temp in celsius is: 37.0556

Process exited after 5.241 seconds with return value 1
Press any key to continue . . .
```

```
2.6)
#include<iostream>
using namespace std;
class temp
{
    float f,c;
```

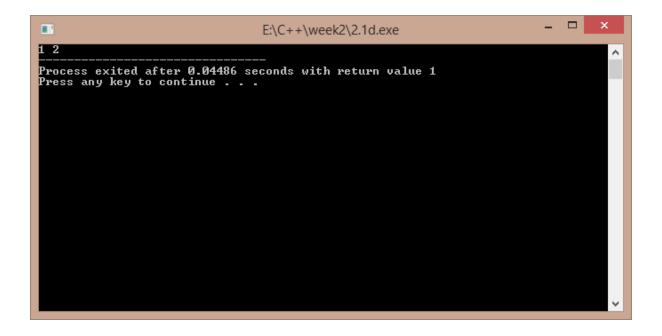
```
public:
                void get();
                void cel();
};
void temp::get()
                 {
                         cout<<"enter temp in fahrenheit : ";</pre>
                         cin>>f;
                }
void temp::cel()
                {
                         c=5*(f-32)/9;
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

```
enter temp in fahrenheit: 102
temp in celcius is: 38.8889

Process exited after 4.095 seconds with return value 1
Press any key to continue . . .
```

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 7<sup>th</sup> line
```



```
i+j=-5500
Process exited after 0.09176 seconds with return value 1
Press any key to continue . . . _
```

```
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;</pre>
```

}

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