HOME TASK LAB MANUAL 1

Q2. Conversion of cm into meters and kilometers.

```cpp
#include <iostream>

using namespace std;

int main()

{

    float cm,m,km;

    cout <<"Enter length in centimeters"<< endl;

    cin>> cm;

    cout<<"The length in meter is "<<cm/100<< endl;

    cout<<"The length in kilometers is "<< cm/100000<< endl;

    return 0;

}
```

```
"C:\Users\Rizwan computers\OneDrive\Desktop\LENGTH CONVO\bin\Debug\LENGTH CONVO.exe"

Enter length in centimeters
100
The length in meter is 1
The length in kilometers is 0.001

Process returned 0 (0x0)    execution time : 3.525 s
Press any key to continue.
```

Q.3 value of polynomial.

```cpp
#include <iostream>

using namespace std;

int main()

{

    int a,b;

    cout <<"enter value of a and b"<< endl;

    cin>> a;

    cin>> b;
```

```cpp
    cout<<"the result of a*a+2*a*b+b*b is"<<endl;

    cout<<a*a+b*b+2*a*b;


    return 0;

}
```

```
enter value of a and b
2
3
the result of a*a+2*a*b+b*b is
25
Process returned 0 (0x0)   execution time : 3.523 s
Press any key to continue.
```

Q.4 TEMP CONVERSION.

```cpp
#include <iostream>

using namespace std;

int main()

{

    float F;

    cout << "Enter temperature in FARENHITE" << endl;

    cin>> F;

    cout<< "The temperature in CELCIUS is\n ";

    cout<<(5*F-5*32)/9;

    return 0;

}
```

```
Enter temperature in FARENHITE
100
The temperature in CELCIUS is
 37.7778
Process returned 0 (0x0)   execution time : 4.084 s
Press any key to continue.
```