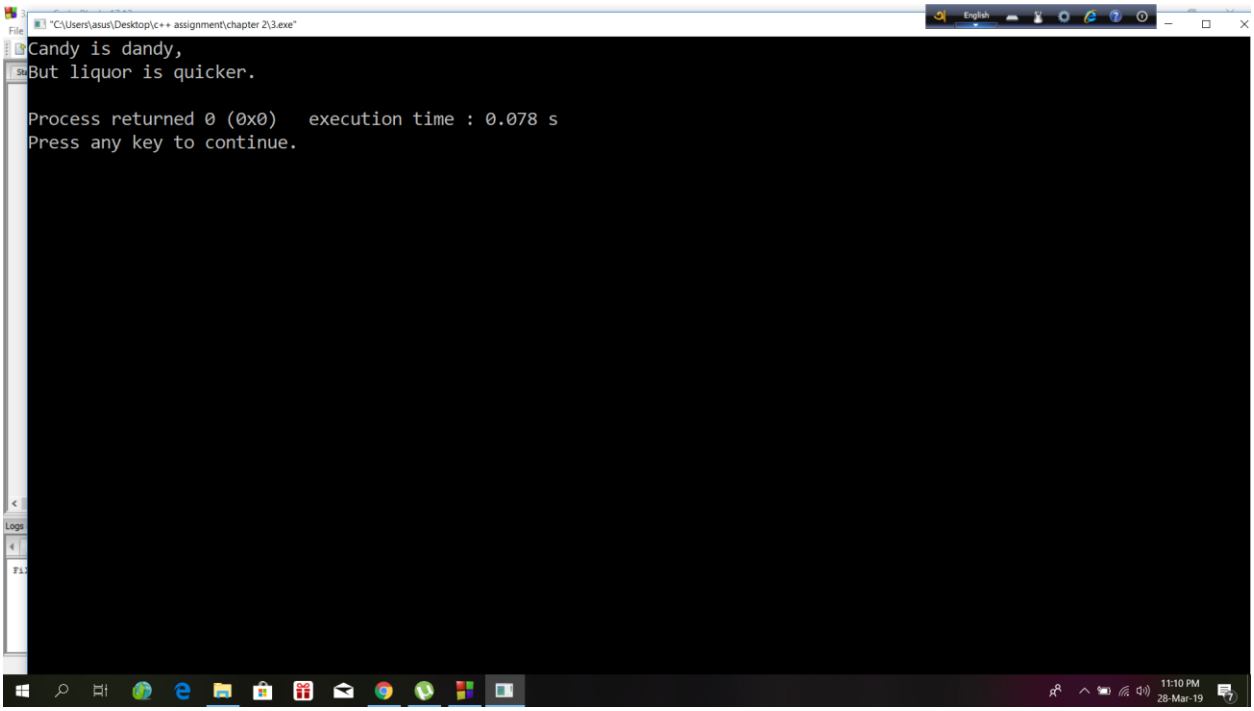
Chapter-2

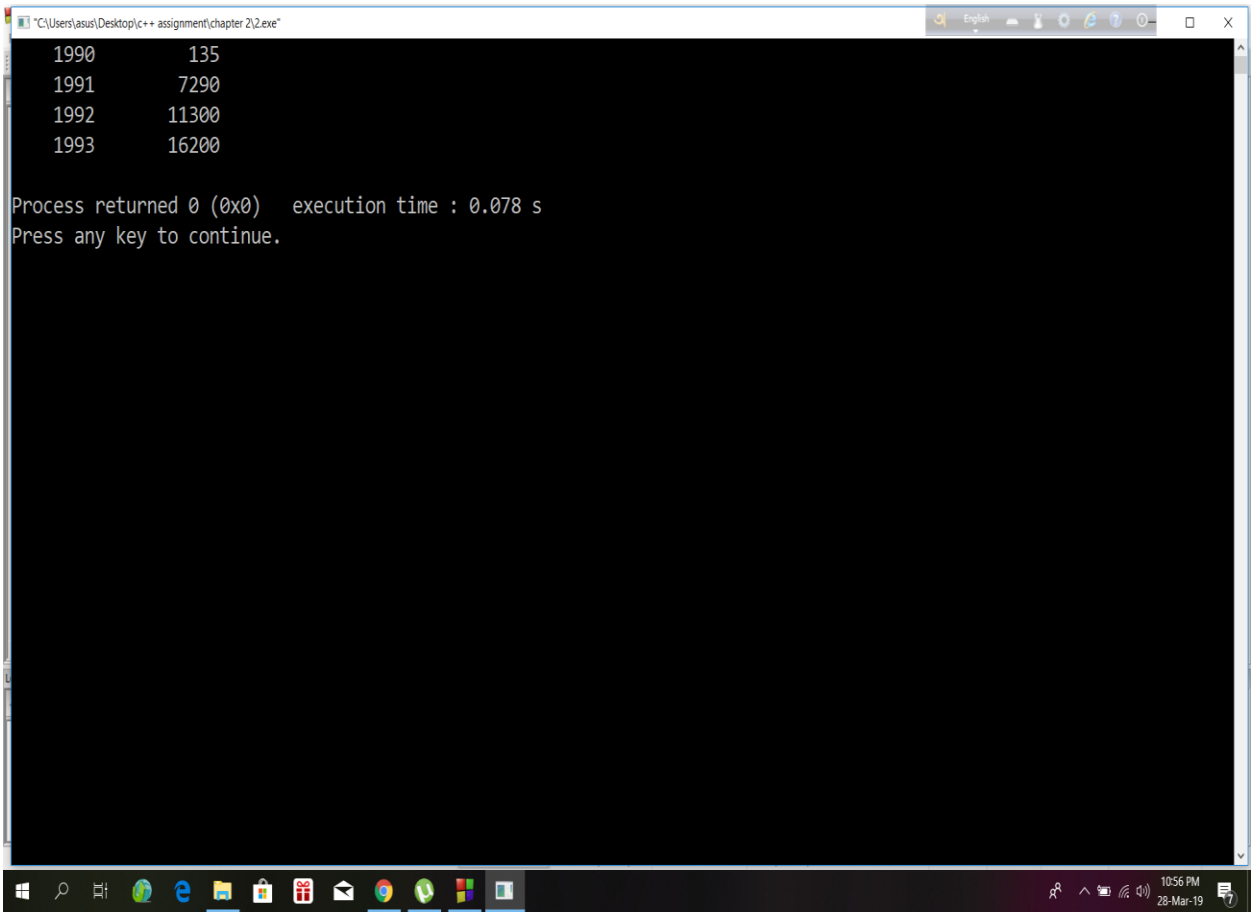
Exercise 2:

```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{
   int a[100],b[100],i,n;
   cin>>n;
   for(i=1; i<=n; i++)
   {
      cin>>a[i]>>b[i];
   }


   for(i=1; i<=4; i++)
   {
      cout<<setw(8)<<a[i]<<setw(12)<<b[i]<<endl;
   }

   return 0;
}
```

Exercise 3:

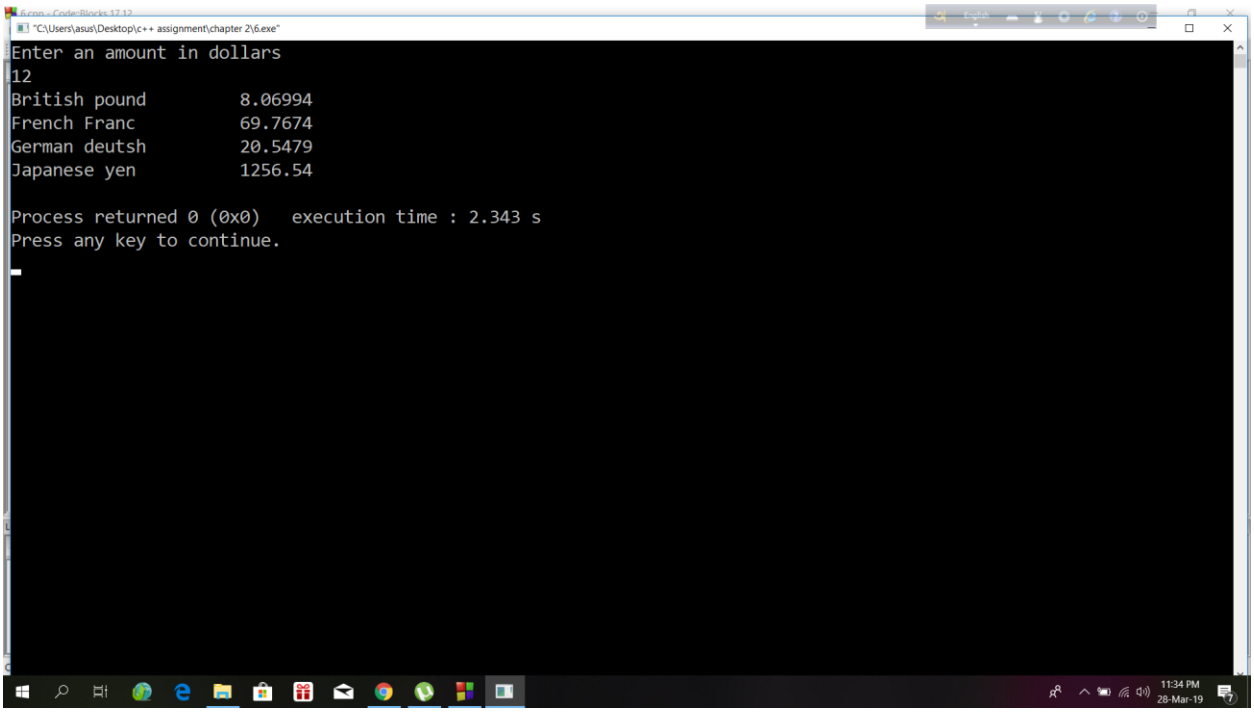
```
#include<iostream>
using namespace std;
int main()
{

   cout<<"Candy is dandy,\n";
cout<<"But liquor is quicker."<<endl;

   return 0;
}
```




"C:\Users\asus\Desktop\c++ assignment\chapter 2\2.exe"
1990 135
1991 7290
1992 11300
1993 16200
Process returned 0 (0x0) execution time : 0.078 s
Press any key to continue.
10:56 PM
28-Mar-19

Exercise 6:

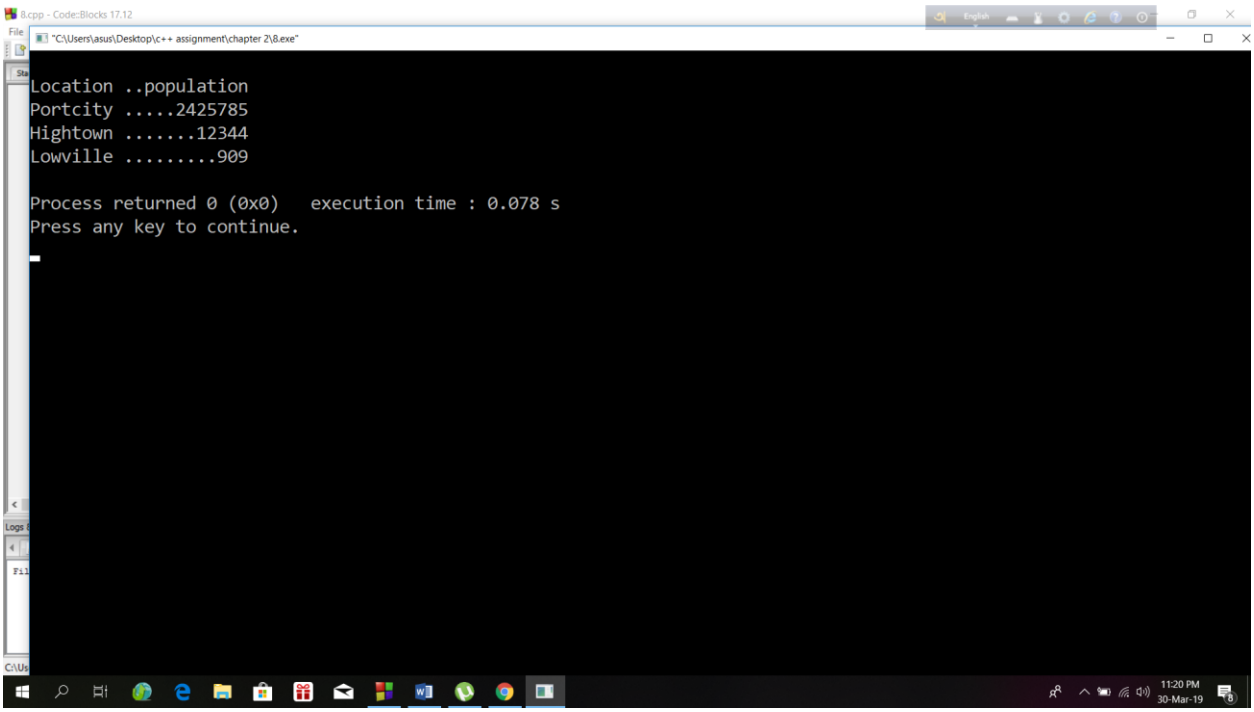
```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{ float br,fr,gr,jp,input;
cout<<"Enter an amount in dollars\n";
cin>>input;
br=(input/1.487);
fr=(input/0.172);
gr=(input/0.584);
jp=(input/0.00955);
cout<<setw(8)<<"British pound"<<setw(16)<<br<<endl;
cout<<setw(8)<<"French Franc "<<setw(16)<<fr<<endl;
cout<<setw(8)<<"German deutsh"<<setw(16)<<gr<<endl;
cout<<setw(8)<<"Japanese yen "<<setw(16)<<jp<<endl;
return 0;
}
```


"C:\Users\asus\Desktop\c++ assignment\chapter 2\6.exe"
Enter an amount in dollars
12
British pound 8.06994
French Franc 69.7674
German deutsh 20.5479
Japanese yen 1256.54
Process returned 0 (0x0) execution time : 2.343 s
Press any key to continue.
11:34 PM
28-Mar-19

Exercise 8:

```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{
   int p1 = 2425785, p2 = 12344, p3=909;
   cout<<endl;
   cout<<setfill('.')
      <<setw(8)<<"Location "<<setw(12)<< "population"<<'\n'
      <<setw(8)<<"Portcity "<<setw(12)<<p1<<'\n'
      <<setw(8)<<"Hightown "<<setw(12)<<p2<<'\n'
      <<setw(8)<<"Lowville "<<setw(12)<<p3<<'\n';

   return 0;
```

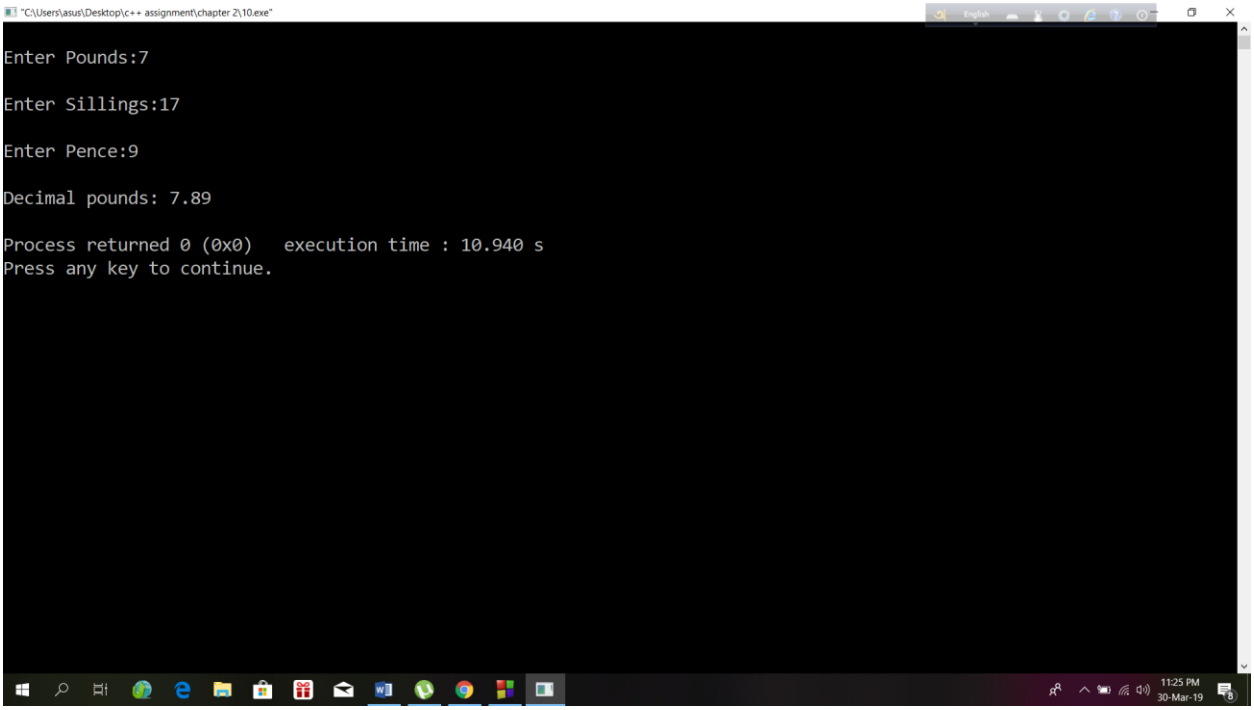
}



Exercise 10:

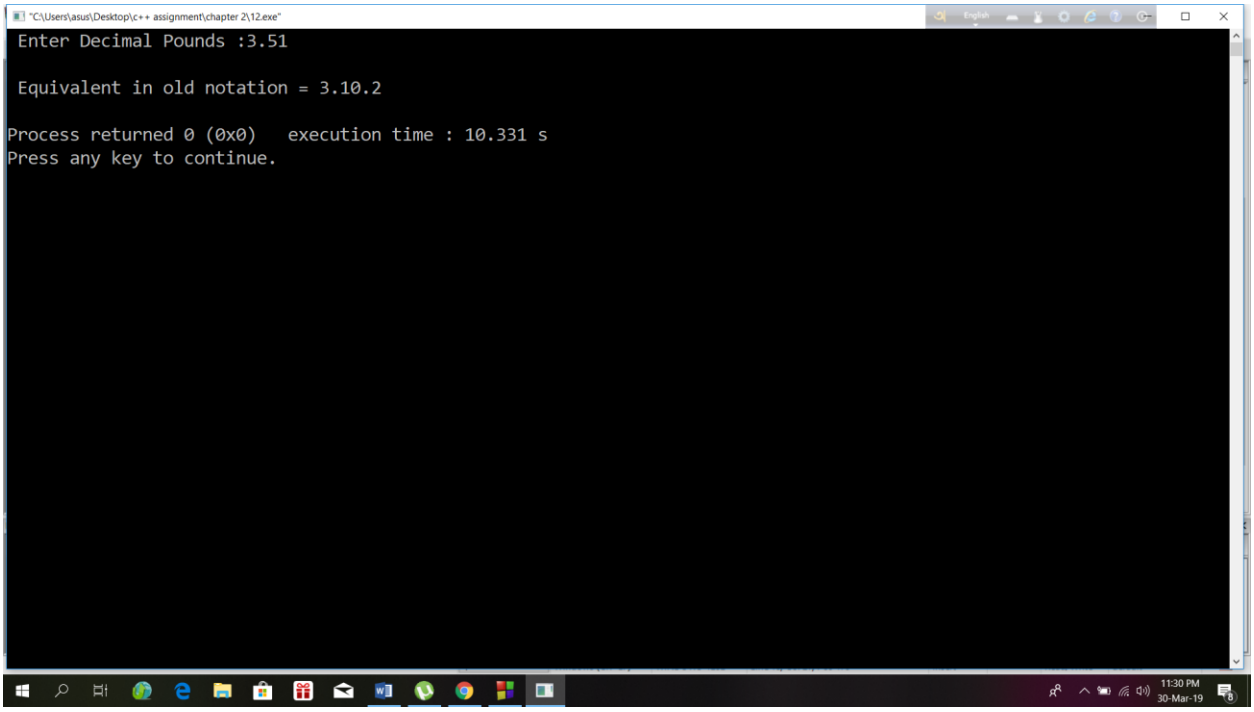
```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{

   double pounds ,decimal_pounds,shillings,pence ;
   cout<< " \nEnter Pounds:";
   cin>> pounds;
   cout<< " \nEnter Sillings:";
   cin>>shillings;
```

```
    cout<< " \nEnter Pence:";
    cin>>pence;
    decimal_pounds= pounds+ (shillings/20) + (pence/240);
    cout<< " \nDecimal pounds: "<<setprecision(3)<<decimal_pounds<<endl;

    return 0;
}
```



Exercise 12:

```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{
   int pounds,shillings,pence;
   double decPounds,decFraction,temp;
   cout<< " Enter Decimal Pounds :";
   cin>> decPounds;
   cout<<endl;

   pounds = static_cast<int>(decPounds);
   decFraction = decPounds - pounds;
   temp =decFraction*20;
   shillings = decFraction*20;
   pence = (temp-shillings)*12;
   cout<< " Equivalent in old notation = "
      <<pounds<< "."<<shillings<< "."<<pence<<endl ;

   return 0;
}
```


"C:\Users\asus\Desktop\c++ assignment\chapter 2\12.exe"
Enter Decimal Pounds :3.51
Equivalent in old notation = 3.10.2
Process returned 0 (0x0)   execution time : 10.331 s
Press any key to continue.
11:30 PM
30-Mar-19