

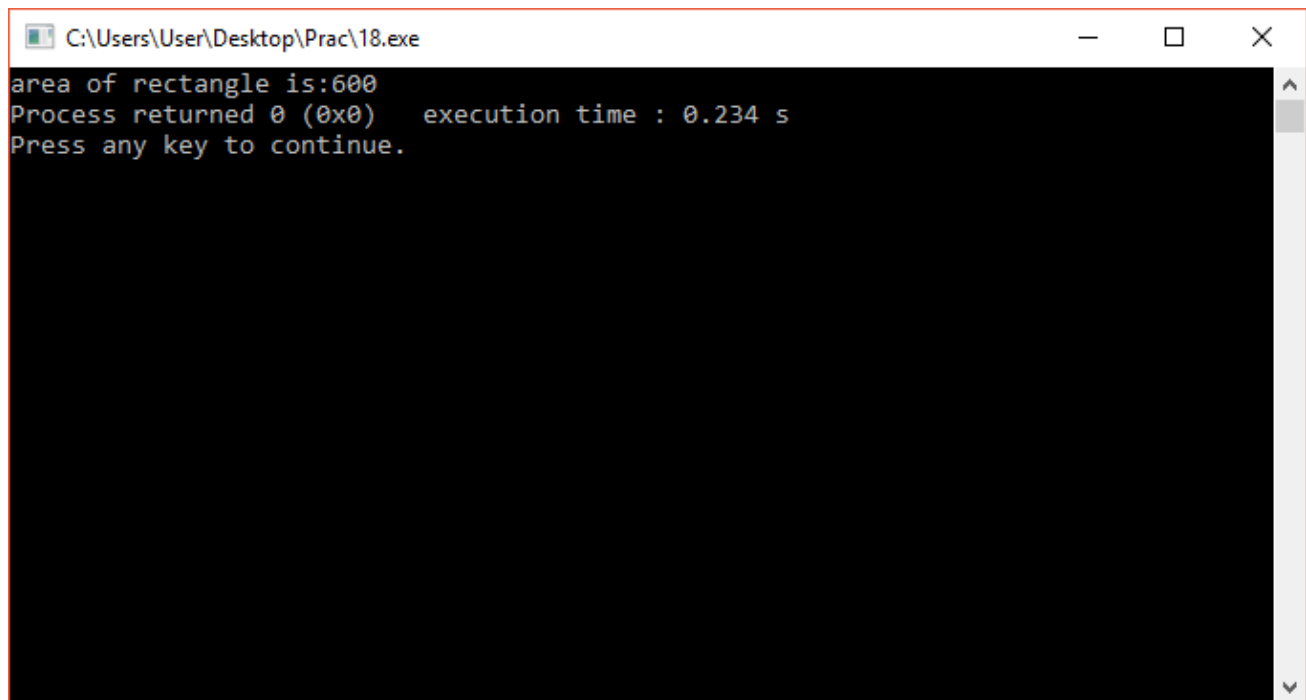
Practical: 20 Design your own manipulator to provide the following output specification for printing money value:

- 1) 10 columns width
- 2) The character '\$' at the beginning
- 3) Showing '+' sign.
- 4) Two digits precision
- 5) Filling of unused spaces with ' * '
- 6) Trailing zeros shown

```
#include<iomanip>
using namespace std;
ostream &moneyshow(ostream &output)
{
    cout<<'$';
    cout.fill('*');
    cout.setf(ios::showpos);
    cout.setf(ios::showpoint);
    cout.width(10);
    cout.precision(2);
    return output;
}
int main()
{
    double amount;
    cout<<"enter the value:";
    cin>>amount;
```

```
    cout<<"\nyour money value:";  
    cout<<moneyshow<<amount;  
    return 0;  
}
```

Output 20



The screenshot shows a Windows command prompt window titled "C:\Users\User\Desktop\Prac\18.exe". The window has a black background with white text. The output displayed is:

```
area of rectangle is:600  
Process returned 0 (0x0)   execution time : 0.234 s  
Press any key to continue.
```