

## TASK-6

```
1Q)
#include<bits/stdc++.h>
using namespace std;
int main(){
    string s;
    cin>>s;
    bool n=(s[0]=='-');
    if(n){
        s=s.substr(1);
    }
    string a;
    string b;
    int p=s.find('.');
    if(p== -1){
        a=s;
        b="";
    }
    else{
        a=s.substr(0,p);
        b=s.substr(p+1);
    }
    while(b.size() < 2){
        b+= '0';
    }
    if(b.size() > 2){
        b=b.substr(0,2);
    }
    string r="";
    int c=0;
    for(int i=a.size()-1;i>=0;i--){
        r=a[i]+r;
        c++;
        if(c==3&&i>0){
            r=","+r;
            c=0;
        }
    }
    if(r==""){
        r="0";
    }
```

```

}
string f="$"+r+"."+b;
if(n){
    f=( "+f+");
}
cout<<f<<endl;
}

```

The screenshot shows a C++ code editor interface with the following details:

- Code Area:** Displays the provided C++ code.
- Run Tab:** Shows the input '2012' and the output '\$2,012.00'.
- Status Bar:** Shows 'Status : Successfully executed'.
- Performance Metrics:** Shows Time: 0.0000 secs and Memory: 3.592 Mb.
- Sample Input:** Shows '2012'.
- Your Output:** Shows '\$2,012.00'.

```
1 #include<bits/stdc++.h>
2 using namespace std;
3 int main(){
4     string s;cin>>s;
5     bool n=(s[0]=='-');
6     if(n){
7         s=s.substr(1);
8     }
9     string a; string b;
0     int p=s.find('.');
1     if(p==1){
2         a=s;b="";
3     }
4     else{
5         a=s.substr(0,p);b=s.substr(p+1);
6     }
7     while(b.size()<2){
8         b+=0;
9     }
0     if(b.size()>2){
1         b=b.substr(0,2);
2     }
3     string r="";int c=0;
4     for(int i=a.size()-1;i>=0;i--){
5         r=a[i]+r;c++;
6         if(c==3&&i>0){
7             r=","+r; c=0;
8         }
9     }
0     if(r==""){
1         r="0";
2     }
3     string f="$"+r+"."+b;
4     if(n){
5         f="(" +f+ ")";
6     }
7     cout<<f<<endl;
8 }
9 
```

Output

Status : Successfully executed

Time: 0.000 secs | Memory: 3.56 Mb

Sample Input  
0.000

Your Output  
\$0.00

```
#include<bits/stdc++.h>
using namespace std;
int main(){
    string s;cin>>s;
    bool n=(s[0]=='-');
    if(n){
        s=s.substr(1);
    }
    string a; string b;
    int p=s.find('.');
    if(p==1){
        a=s;b="";
    }
    else{
        a=s.substr(0,p);b=s.substr(p+1);
    }
    while(b.size()<2){
        b+=0;
    }
    if(b.size()>2){
        b=b.substr(0,2);
    }
    string r="";int c=0;
    for(int i=a.size()-1;i>=0;i--){
        r=a[i]+r;c++;
        if(c==3&&i>0){
            r=","+r; c=0;
        }
    }
    if(r==""){
        r="0";
    }
    string f="$"+r+"."+b;
    if(n){
        f="(" +f+ ")";
    }
    cout<<f<<endl;
}
```

Output

Status : Successfully executed

Time: 0.000 secs | Memory: 3.568 Mb

Sample Input  
-12345678.9

Your Output  
(\$12,345,678.90)

The screenshot shows a C++ code editor interface with the following details:

- Code Area:** The main left pane displays the C++ code. The code reads a string from standard input, removes the first character if it's a minus sign, and then processes the string to calculate a result. The result is then printed to standard output.
- Run Tab:** A blue "Run" button is located at the top right of the editor.
- Output Panel:** The right side of the interface contains several panels:
  - Run:** Shows the output of the run command: `-0.00987654321`.
  - Status:** Shows "Status : Successfully executed".
  - Time:** 0.0000 secs | **Memory:** 3.372 Mb
  - Sample Input:** Shows the input provided for testing: `-0.00987654321`.
  - Your Output:** Shows the output generated by the program: `(-$0.00)`.