

# ANALYSIS<sup>WITH</sup> PROGRAMMING

`cout << "let's do some analysis and programming" << endl;`

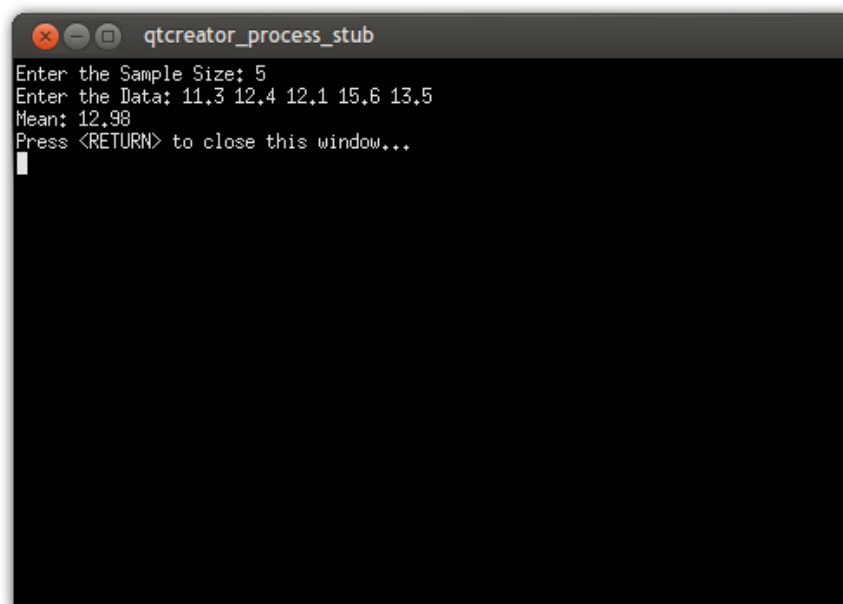
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C/C++: MEAN  
R Programming

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## Output:



```
qtcreator_process_stub
Enter the Sample Size: 5
Enter the Data: 11.3 12.4 12.1 15.6 13.5
Mean: 12.98
Press <RETURN> to close this window...
```

## C Codes:

```
#include<stdio.h>

int main()
{
    int i, x;
    float y, sum = 0.0;

    printf("Enter the Sample Size: ");
    scanf("%d", &x);

    printf("Enter the Data: ");
    for(i = 1; i <= x; ++i){
        scanf("%f", &y);
        sum += y;
    }
}
```

```
}

float mean = sum/x;
printf("Mean: %2.2f\n", mean);
return 0;
}
```

### C++ Codes:

```
#include<iostream> // Library for input/output
#include<iomanip> // Library for precision

using namespace std;

int main()
{
    int i, x;
    float y, sum = 0.0;

    cout << "Enter the Sample Size: ";
    cin >> x;

    cout << "Enter the Data: ";
    for(i = 1; i <= x; ++i){
        cin >> y;
        sum += y;
    }

    float mean = sum/x;
    cout << "Mean: " << setprecision(4) << mean << endl;
    return 0;
}
```

### Labels

C and CPP, Descriptive Statistics,