

ANALYSIS^{WITH} PROGRAMMING

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

<http://alstatr.blogspot.com/>

MEAN

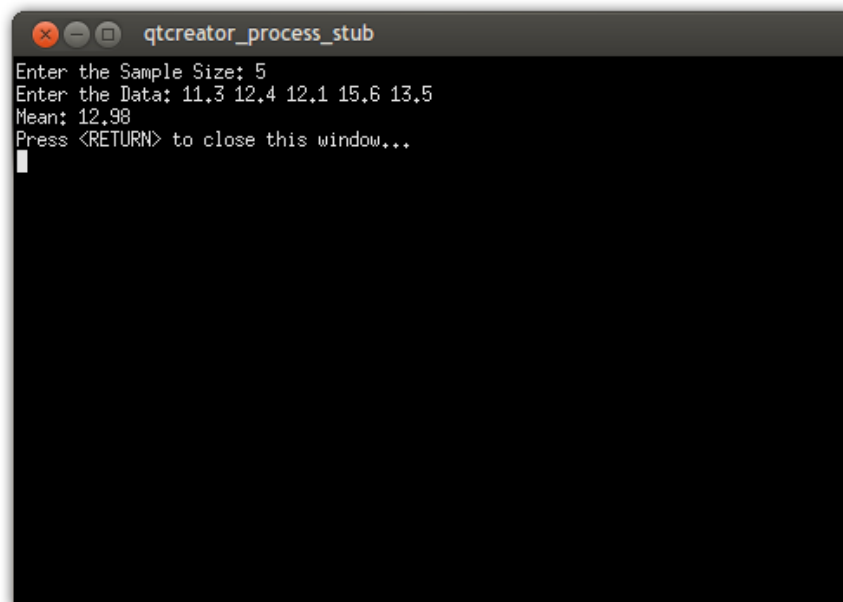
C/C++ Programming

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Output:

A screenshot of a Qt Creator console window titled 'qtcreator_process_stub'. The window has a dark background with white text. The text inside the window reads: 'Enter the Sample Size: 5', 'Enter the Data: 11.3 12.4 12.1 15.6 13.5', 'Mean: 12.98', and 'Press <RETURN> to close this window...'. A white cursor is visible on the line following the prompt.

```
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,