

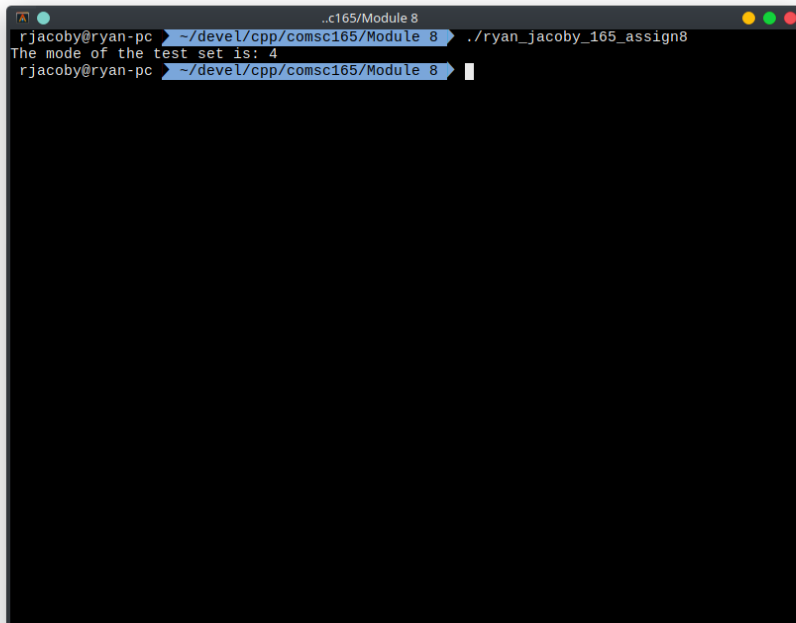
COMSC-165

Programming Assignment 8

Ryan Jacoby

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Run 1

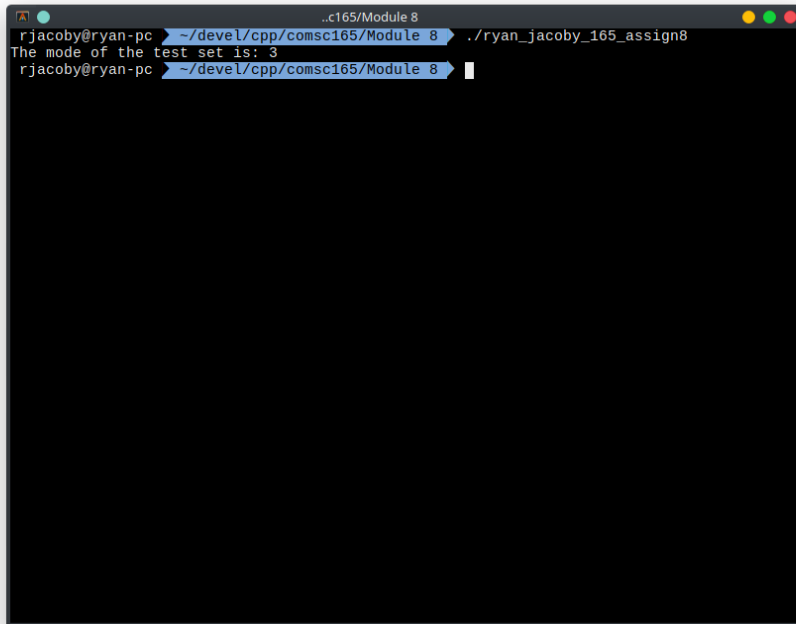


```
..c165/Module 8
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 8: ./ryan_jacoby_165_assign8
The mode of the test set is: 4
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 8
```

```
// Constant for the array size
const int SIZE = 6;

// An array of test values
int test[SIZE] = {2, 4, 5, 4, 8, 7};
```

Run 2

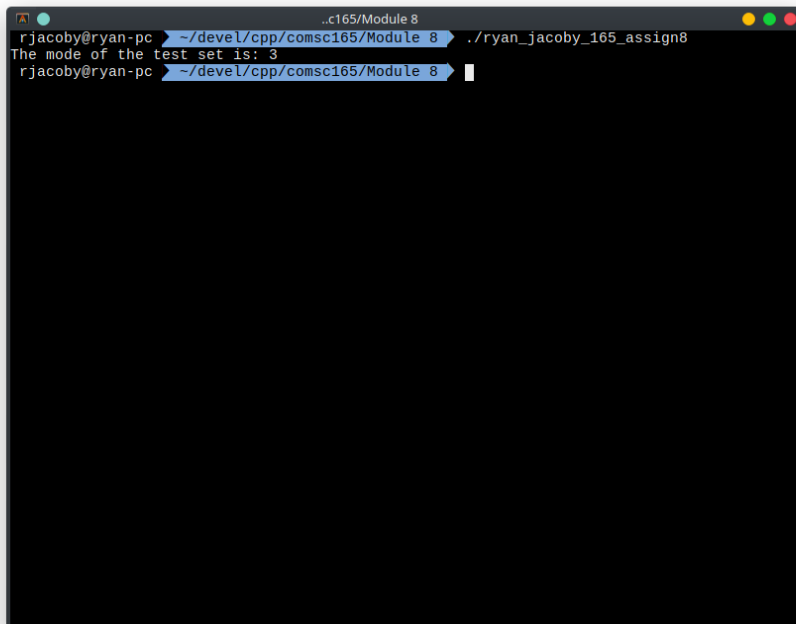
A terminal window with a dark background and light-colored text. The window title is '..c165/Module 8'. The prompt is 'rjacoby@ryan-pc'. The first command is '~ /devel/cpp/comsci165/Module 8' followed by './ryan_jacoby_165_assign8'. The output is 'The mode of the test set is: 3'. The second command is '~ /devel/cpp/comsci165/Module 8' followed by a cursor.

```
..c165/Module 8
rjacoby@ryan-pc ~ /devel/cpp/comsci165/Module 8 ./ryan_jacoby_165_assign8
The mode of the test set is: 3
rjacoby@ryan-pc ~ /devel/cpp/comsci165/Module 8
```

```
// Constant for the array size
const int SIZE = 8;

// An array of test values
int test[SIZE] = {3, 3, 8, 9, 2, 5, 8, 1};
```

Run 3



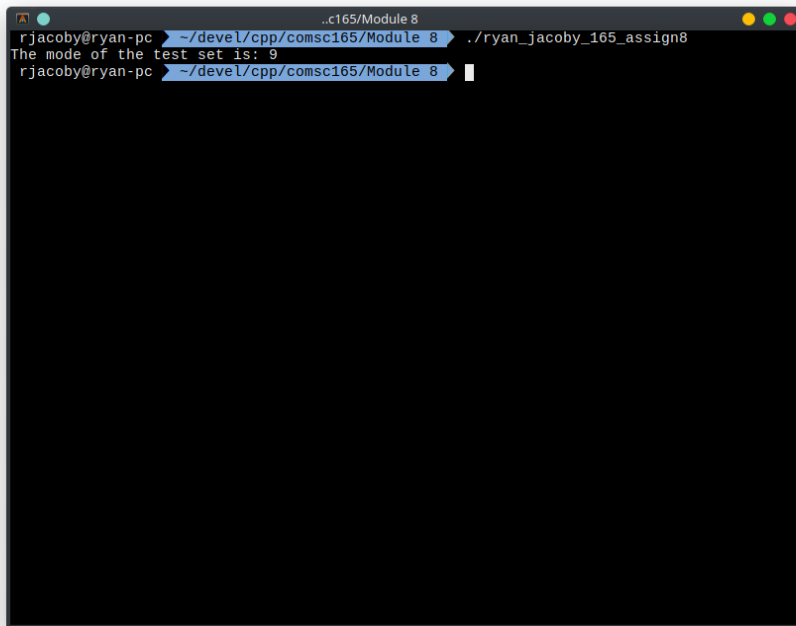
A terminal window with a dark background and light-colored text. The window title is `..c165/Module 8`. The prompt is `rjacoby@ryan-pc`. The first command is `~/devel/cpp/comsci165/Module 8` followed by `./ryan_jacoby_165_assign8`. The output is `The mode of the test set is: 3`. The second command is `~/devel/cpp/comsci165/Module 8` followed by a cursor.

```
..c165/Module 8
rjacoby@ryan-pc ~/devel/cpp/comsci165/Module 8 ./ryan_jacoby_165_assign8
The mode of the test set is: 3
rjacoby@ryan-pc ~/devel/cpp/comsci165/Module 8
```

```
// Constant for the array size
const int SIZE = 9;

// An array of test values
int test[SIZE] = {3, 1, 7, 6, 3, 1, 8, 6, 10};
```

Run 4

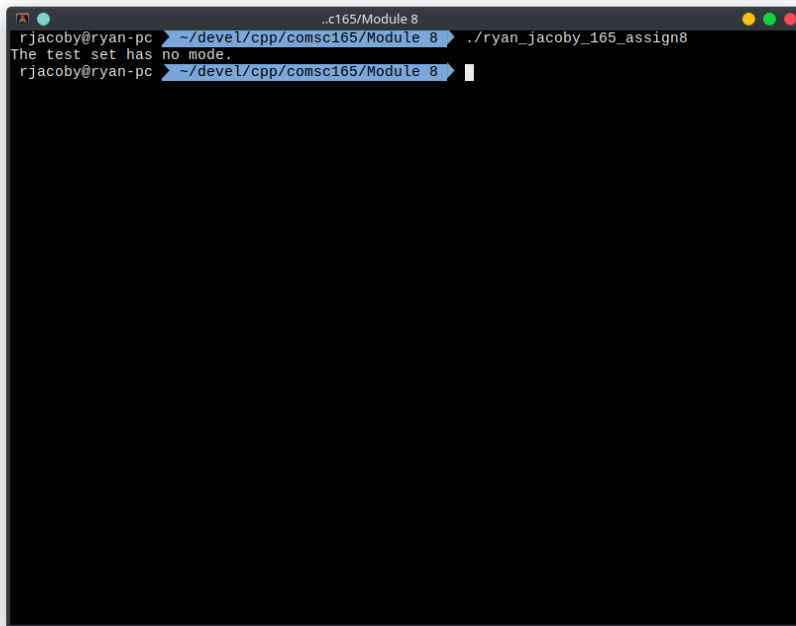
A terminal window with a dark background and light-colored text. The window title is '..c165/Module 8'. The prompt is 'rjacoby@ryan-pc'. The first command is '~/.devel/cpp/comsc165/Module 8' followed by './ryan_jacoby_165_assign8'. The output is 'The mode of the test set is: 9'. The second command is '~/.devel/cpp/comsc165/Module 8' followed by a cursor.

```
..c165/Module 8
rjacoby@ryan-pc ~/.devel/cpp/comsc165/Module 8$ ./ryan_jacoby_165_assign8
The mode of the test set is: 9
rjacoby@ryan-pc ~/.devel/cpp/comsc165/Module 8$
```

```
// Constant for the array size
const int SIZE = 10;

// An array of test values
int test[SIZE] = {2, 9, 4, 7, 2, 1, 10, 9, 9, 4};
```

Run 5



```
..c165/Module 8
rjacoby@ryan-pc ~/devel/cpp/comsci165/Module 8: ./ryan_jacoby_165_assign8
The test set has no mode.
rjacoby@ryan-pc ~/devel/cpp/comsci165/Module 8
```

```
// Constant for the array size
const int SIZE = 5;

// An array of test values
int test[SIZE] = {5, 4, 3, 2, 1};
```