

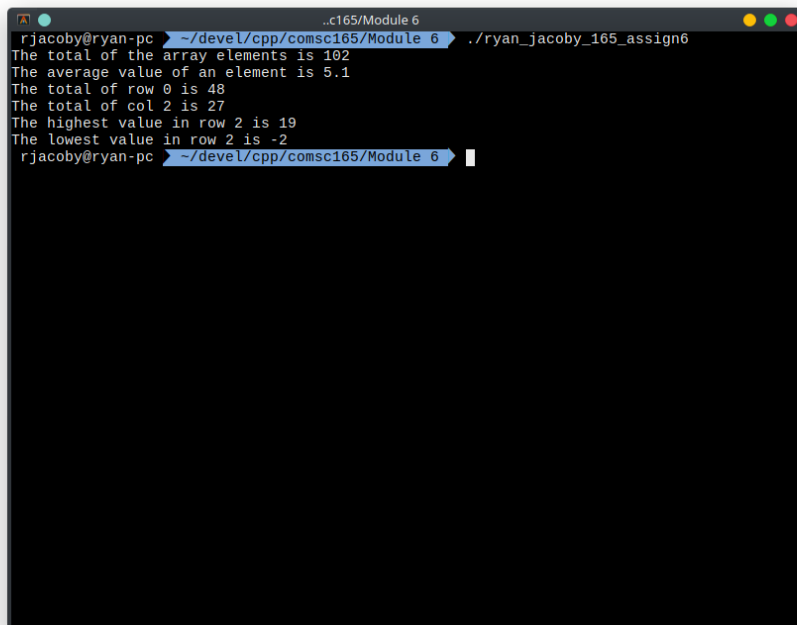
COMSC-165

Programming Assignment 6

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Run 1



```
..c165/Module 6
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6: ./ryan_jacoby_165_assign6
The total of the array elements is 102
The average value of an element is 5.1
The total of row 0 is 48
The total of col 2 is 27
The highest value in row 2 is 19
The lowest value in row 2 is -2
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6
```

```
// Array with test data
int testArray[ROWS][COLS] =
    {{ 27, 1, -8, 25, 3 },
     { -28, 7, 35, 23, -11 },
     { 11, 19, -2, 12, 13 },
     { 17, -50, 2, 2, 4 }};
```

Run 2

```
..c165/Module 6
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6: ./ryan_jacoby_165_assign6
The total of the array elements is -35
The average value of an element is -1.75
The total of row 0 is 24
The total of col 2 is 41
The highest value in row 2 is 62
The lowest value in row 2 is -51
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6
```

```
// Array with test data
int testArray[ROWS][COLS] =
{
    { -2, 0, 10, -3, 19 },
    { 36, -4, -13, -5, -4 },
    { 62, 12, 47, -21, -51 },
    { -49, 0, -3, -33, -33 }
};
```

Run 3

```
..c165/Module 6
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6: ./ryan_jacoby_165_assign6
The total of the array elements is -17
The average value of an element is -0.85
The total of row 0 is -17
The total of col 2 is 30
The highest value in row 2 is 27
The lowest value in row 2 is -4
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6
```

```
// Array with test data
int testArray[ROWS][COLS] =
{
    { 16, -3, 0, 2, -32 },
    { 51, 4, -28, -10, -8 },
    { 27, -4, 0, 3, 3 },
    { 2, -12, 58, -25, -61 }
};
```

Run 4

```
..c165/Module 6
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6: ./ryan_jacoby_165_assign6
The total of the array elements is 50
The average value of an element is 2.5
The total of row 0 is -4
The total of col 2 is -7
The highest value in row 2 is 62
The lowest value in row 2 is -20
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6
```

```
// Array with test data
int testArray[ROWS][COLS] =
{
    { -1, 19, -20, -3, 1 },
    { -15, -4, -2, -2, 4 },
    { 62, 2, 14, -20, 15 },
    { 8, 1, 1, 21, -31 }
};
```

Run 5

```
..c165/Module 6
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6: ./ryan_jacoby_165_assign6
The total of the array elements is -91
The average value of an element is -4.55
The total of row 0 is -181
The total of col 2 is -38
The highest value in row 2 is 32
The lowest value in row 2 is -21
rjacoby@ryan-pc ~/devel/cpp/comsc165/Module 6
```

```
// Array with test data
int testArray[ROWS][COLS] =
{
    { 4, -14, -41, -52, -78 },
    { 7, -4, -3, -19, -3 },
    { -21, 32, 12, 13, 23 },
    { 62, 4, -6, -3, -4 }
};
```