Assignment 3

these test cases are for "choices = vacuuming"

test case input expected output

|  |  |  |
| --- | --- | --- |
| 1 | number of rooms between 0 - 3 | vacuuming for a small number of rooms costs $8 |
| 2 | number of rooms between 4 - 9 | vacuuming for a medium number of rooms costs $16 |
| 2 | number of rooms 10 or greater | vacuuming for a large number of rooms costs $24 |

These test cases are for "choices = mopping"

test case input expected output

|  |  |  |
| --- | --- | --- |
| 1 | number of rooms between 0 - 3 | mopping for a small number of rooms costs $6 |
| 2 | number of rooms between 4 - 9 | mopping for a medium number of rooms costs $12 |
| 3 | number of rooms 10 or greater | mopping for a large number of rooms costs $18 |

these test cases are for "choices = dusting"

test case input expected output

|  |  |  |
| --- | --- | --- |
| 1 | number of rooms between 0 - 3 | dusting for a medium number of rooms costs $5 |
| 2 | number of rooms between 4 - 9 | dusting for a medium number of rooms costs $10 |
| 3 | number of rooms 10 or greater | dusting for a large number of rooms costs $15 |

test cases executed for "choices = vacuuming"

test case input expected output actual output result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | number of rooms between 0 - 3 | vacuuming for a small number of rooms costs $8 | vacuuming for a small number of rooms costs $8 | pass |
| 2 | number of rooms between 4 - 9 | vacuuming for a medium number of rooms costs $16 | vacuuming for a medium number of rooms costs $16 | pass |
| 3 | number of rooms 10 or greater | vacuuming for a large number of rooms costs $24 | vacuuming for a large number of rooms costs $24 | pass |

test cases executed for "choices = mopping"

test cases input expected output actual output result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | number of rooms between 0 - 3 | mopping for a small number of rooms costs $6 | mopping for a small number of rooms costs $6 | pass |
| 2 | number of rooms between 4 - 9 | mopping for a medium number of rooms costs $12 | mopping for a medium number of rooms costs $12 | pass |
| 3 | number of rooms 10 or greater | mopping for a large number of rooms costs $18 | mopping for a large number of rooms costs $18 | pass |

test cases executed for "choices = dusting"

test cases input expected output actual output result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | number of rooms between 0 - 3 | dusting for a small number of rooms costs $5 | dusting for a small number of rooms costs $5 | pass |
| 2 | number of rooms between 4 - 9 | dusting for a medium number of rooms costs $10 | dusting for a medium number of rooms costs $10 | pass |
| 3 | number of rooms 10 or greater | dusting for a large number of rooms costs $15 | dusting for a large number of rooms costs $15 | pass |

After running the program, I can see that the program is running as intended. all numbers that fall within the input ranges, give the correct output value.