# Tests

Due to unforeseen technical difficulties we were unable to complete our tests using jasmine. This forced us to manually test the program and see if it provides the expected results upon certain input.

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| **Test** | **input** | **output** | **Passed**(True/False) |
| **Shapes:** |  |  |  |
| 1. cube | Shape:” cube”; | Ouputs Cube | True |
| 1. cylinder | Shape:” cylinder”; | Ouputs cylinder | True |
| 1. circle | Shape:” circle”; | Ouputs circle | True |
| 1. cone | Shape:” cone”; | Ouputs cone | True |
| 1. plane | Shape:” plane”; | Ouputs plane | True |
| 1. pyramid | Shape:” pyramid”; | Ouputs pyramid | True |
| 1. ring | Shape:” ring”; | Ouputs ring | True |
| 1. sphere | Shape:” sphere”; | Ouputs sphere | True |
| 1. torus | Shape:” torus”; | Ouputs torus | True |
| 1. torusknot | Shape:” torusknot”; | Ouputs torusknot | True |
| 1. dodecahedron | Shape:” dodecahedron”; | Ouputs dodecahedron | True |
| 1. icosahedron | Shape:” icosahedron”; | Ouputs icosahedron | True |
| 1. Default | Shape:”” | Ouputs Cube | True |
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| **Test** | **input** | **output** | **Passed**(True/False) |
| **Colors:** |  |  |  |
| 1. Default | Color:””; | Outputs invisible | True |
| 1. Color that matches uploaded obj | Color:” 0x664611  ”; | Ouputs textures | True |
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| **Test** | **input** | **output** | **Passed**(True/False) |
| Textures |  |  |  |
| 1. Brick texture | "./resources/textures/brick-texture.jpg" | Brick texture | True |
| 1. Flowerbed texture | "./resources/textures/flowerbed-texture.jpg" | Flowerbed texture | True |
| 1. Grass texture | "./resources/textures/grass-texture.jpg" | Grass texture | True |
| 1. Leaves texture | "./resources/textures/leaves.jpg" | Leaves texture | True |
| 1. Oak texture | "./resources/textures/oak.png" | Oak texture | True |
| 1. Slate roof texture | "./resources/textures/slate-roof-texture.jpg" | Slate roof texture | true |

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| **Test** | **Passed**(true/false) |
| 1. Upload rules file | True |
| 1. Download rules file | False |
| 1. Upload obj file | True |
| 1. AlterBMAP STATUS | True |
| 1. Select background color | True |