

Minecraft Christmas Tree Decorations

by Andrew Oakley andrew@aoakley.com for Cotswold Jam <http://cotswoldjam.org> Public Domain 2018-11

Run the program and play with it!

The `makestar1.py` and `makestar2.py` programs create a Christmas star in a 3x3x3 block (think of a Rubik's Cube - 3 blocks wide, 3 high, 3 long). The star will be placed a few blocks north of the player.

Try editing the block IDs and wool status colours to make your own designs!

To put stars on the top of all nearby trees, uncomment the last line: ("uncomment" means remove the # at the start of the line)

```
xmastrees.find_trees(mc,playerx,playery,playerz,10,2,makestar)
```

Note that it can take several minutes to find all nearby trees.

WOOL status colours:

00 White	08 Light grey
01 Orange	09 Cyan
02 Magenta	10 Purple
03 Light Blue	11 Blue
04 Yellow	12 Brown
05 Lime	13 Green
06 Pink	14 Red
07 Grey	15 Black

Advanced topics

Finished making stars? Try making a star out of WOOD and see how that causes the `find_trees` program to go horribly wrong!!! Why does making a star out of WOOD or CACTUS cause `find_trees` to go wrong?

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