

Python Pi Problem Solver

Trail of Destruction

The Pi Challenges

Decide how to write your own program.

We give you some of the pieces below. You choose how to put them together to solve the problem.

The Challenge

This is a fairly easy one following on from your Yellow Brick Road. You can place a block of TNT in Minecraft that you can explode - if you use Python! Try laying a row of TNT blocks on top of your Yellow Brick Road, and then hitting the end one with your sword. Get out of the way before it blows!

The Bits You Need

Remember how you placed a block at position x, y, z?

```
mc.setBlock(x, y, z, block.STONE.id)
```

Well with some blocks you can add an extra parameter that changes how the block works or looks. If you have TNT, you can make it explodable by adding an extra parameter of 1:

```
mc.setBlock(x, y, z, block.TNT.id, 1)
```

Now take your Yellow Brick Road program and make sure it makes a nice long road- say 50 blocks. Now add an extra row of TNT blocks on top of the road. If you hit the end one a few times with your sword, it will start to flash and then will blow up - which will blow up the next one, which will blow up the next one... you get the idea. Enjoy the show from a safe distance.

Remember: don't try to do it all at once. Build up the program step by step and test as you go.