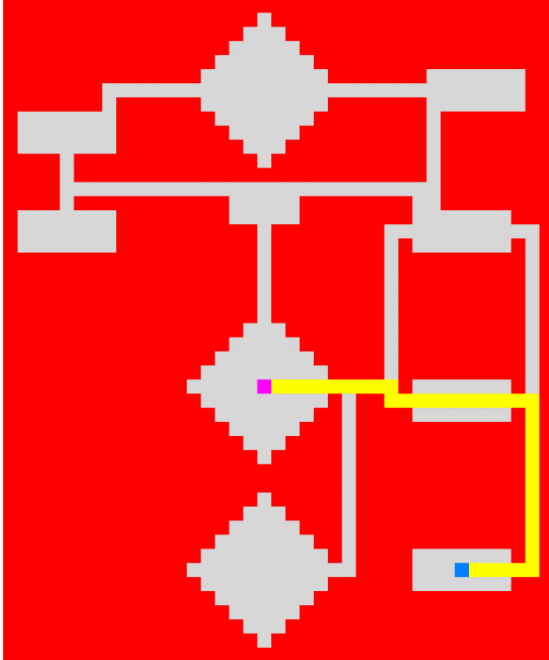


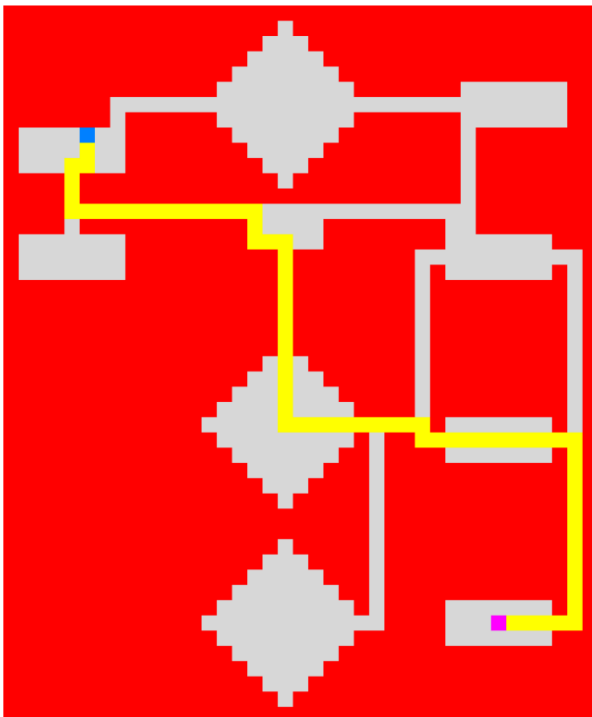
To run the code, just run the file “main.py” as this solves task 1-4.

There is a slight bug that causes a part of the path to keep appearing in the images after task two, I have not been able to figure out what causes this, but the path is still easily recognizable

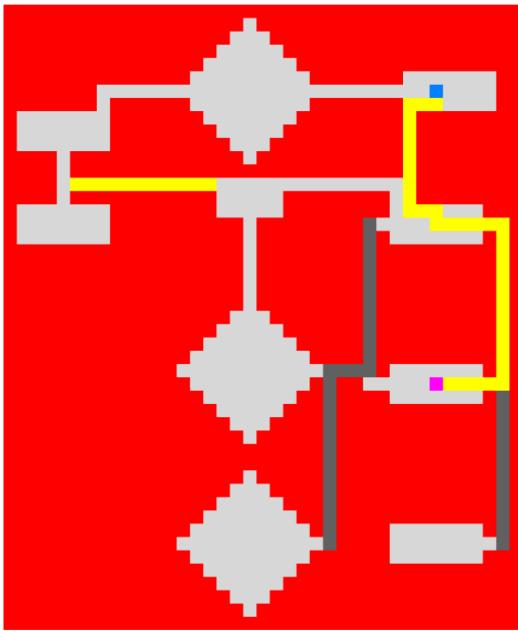
Task1:



Task2:



Task3:



Task4:

