

Kapitel 3.5: *Tiefensuche und Breitensuche*

Algorithmen und Datenstrukturen
WS 2021/22

Prof. Dr. Sándor Fekete

Quiz!

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Auf die Schnelle mit der Welle



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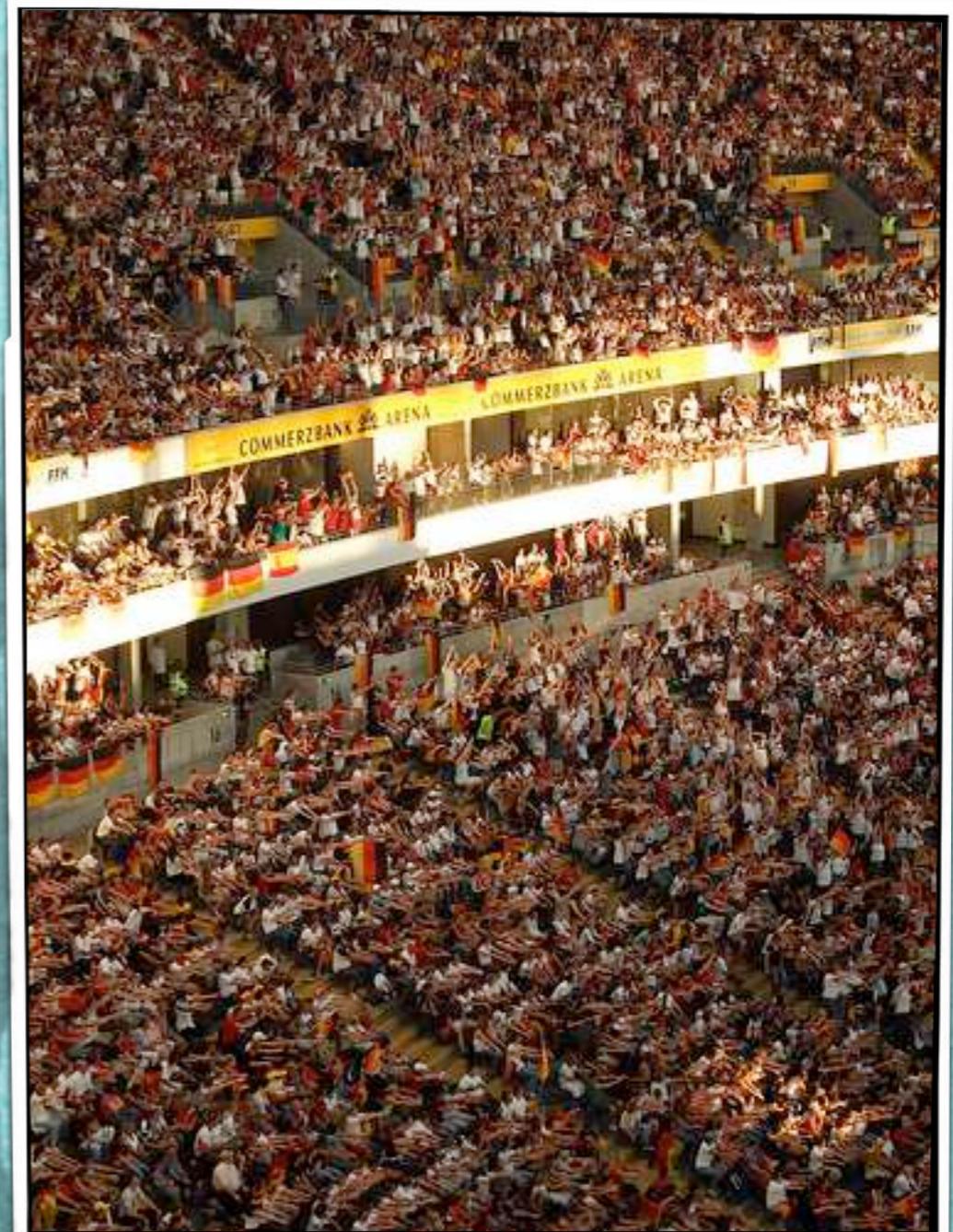
A. LOS bei „NULL“

B. Bis „ANGEKOMMEN!“:

- Solange du noch nicht aufgestanden warst:
 - ▶ Wenn ein oder mehrere direkte Nachbarn aufstehen:
 1. Einen dieser Nachbarn merken
 2. In der nächsten Runde:
 - 2.1. aufstehen
 - 2.2. Zahl merken
 3. In der übernächsten Runde hinsetzen

C. Nach „ANGEKOMMEN!“:

- Auf gemerkten Nachbarn zeigen



Auf die Schnelle mit der Welle

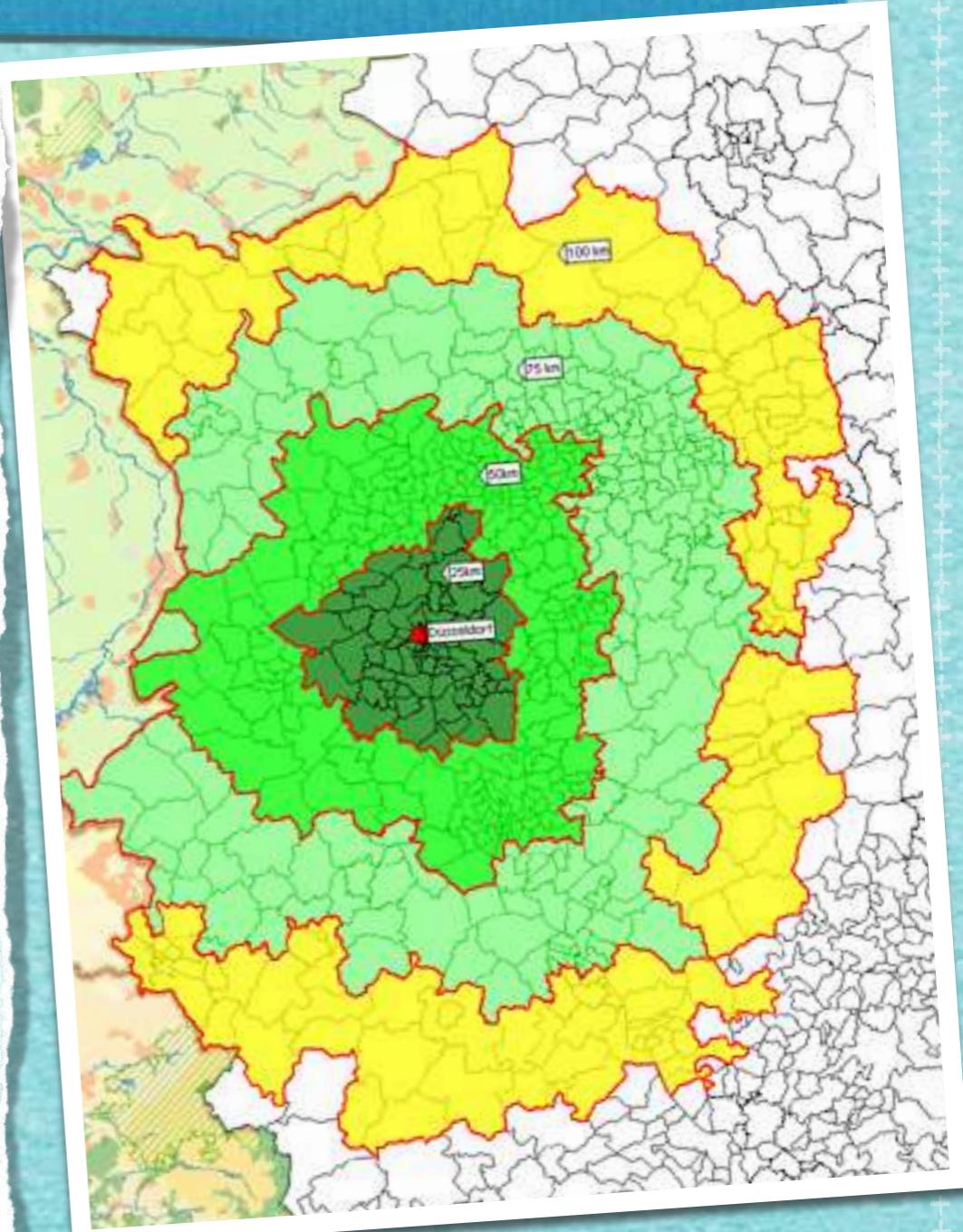
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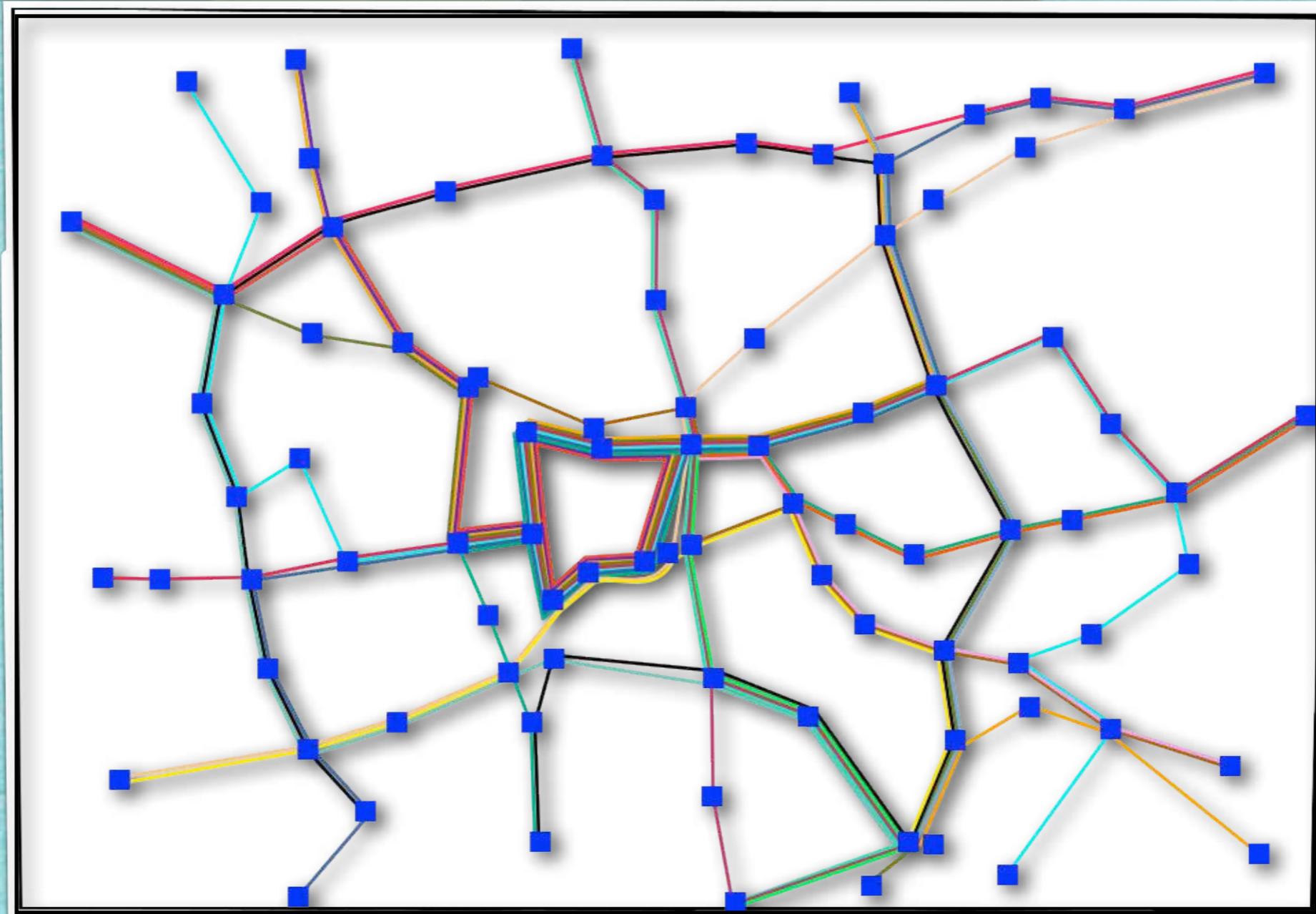
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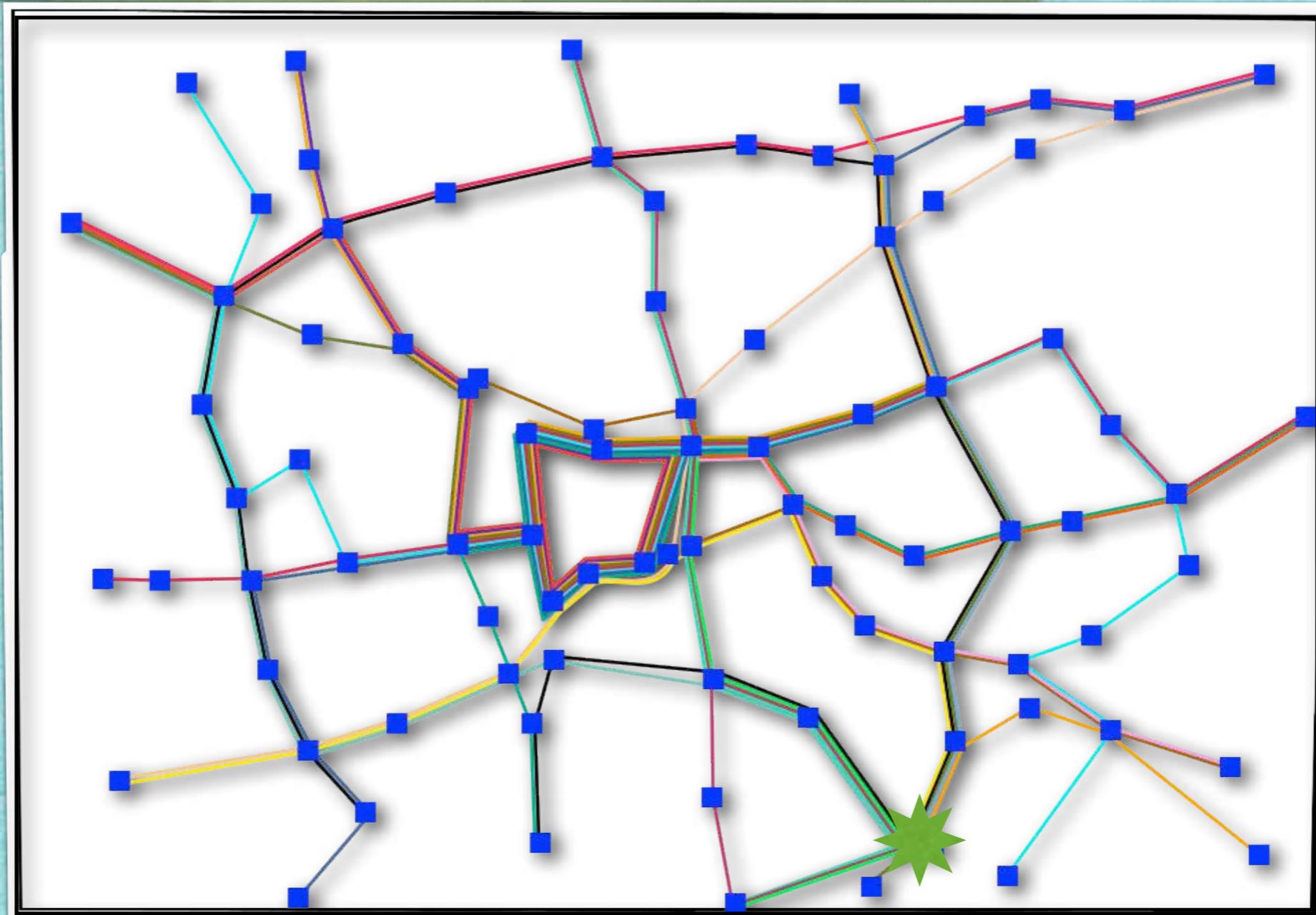
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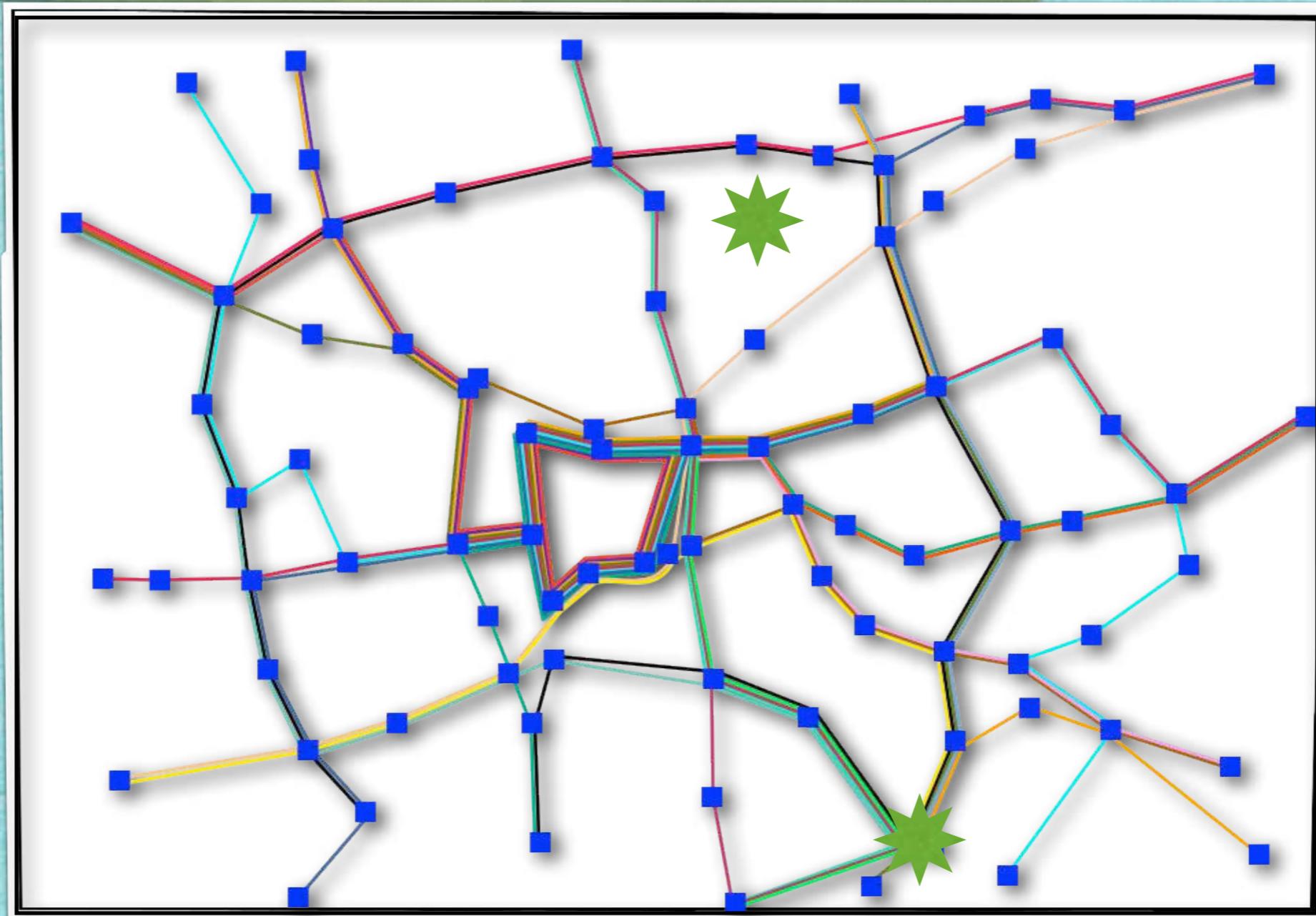
Wellenreiten in Graphen



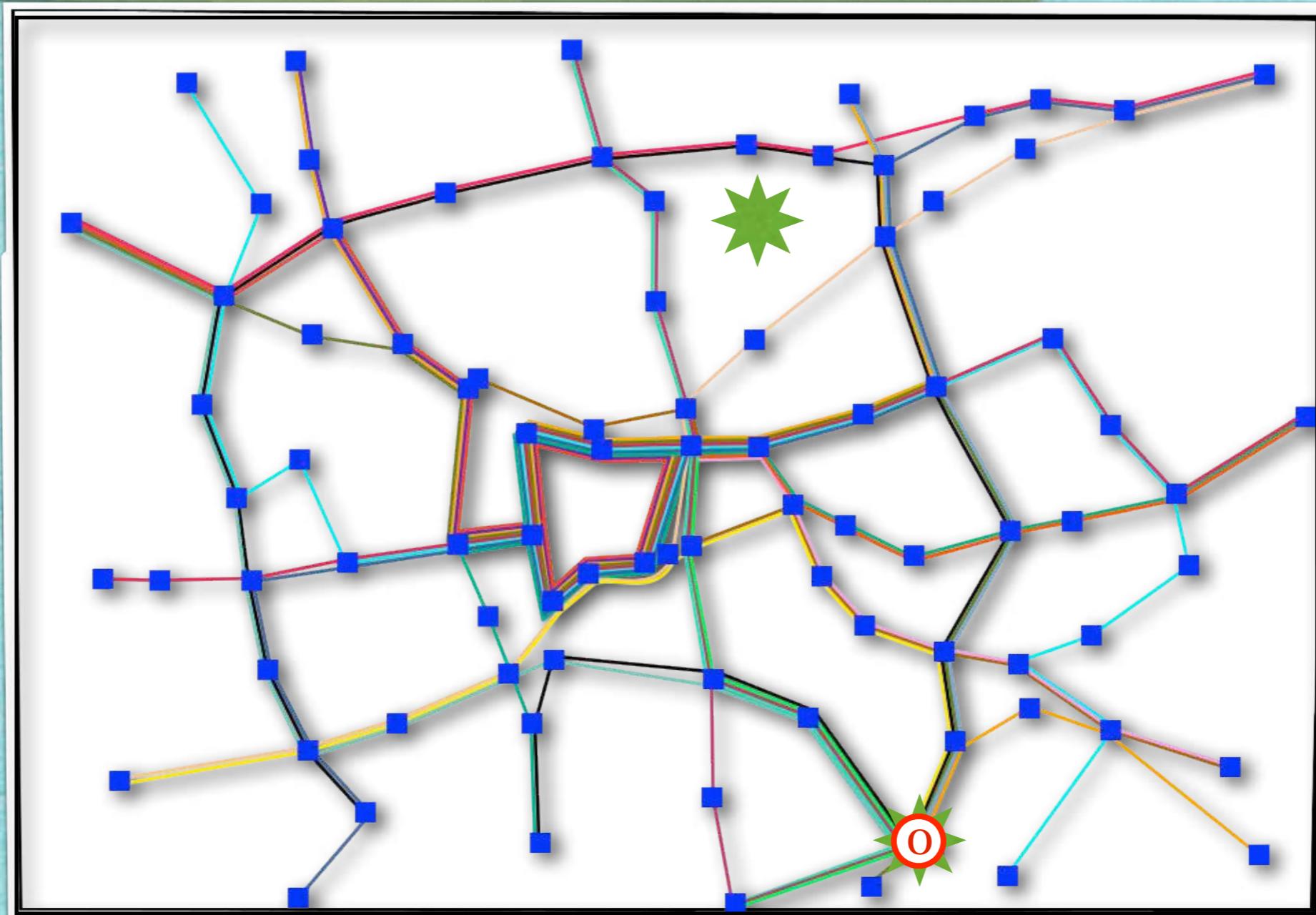
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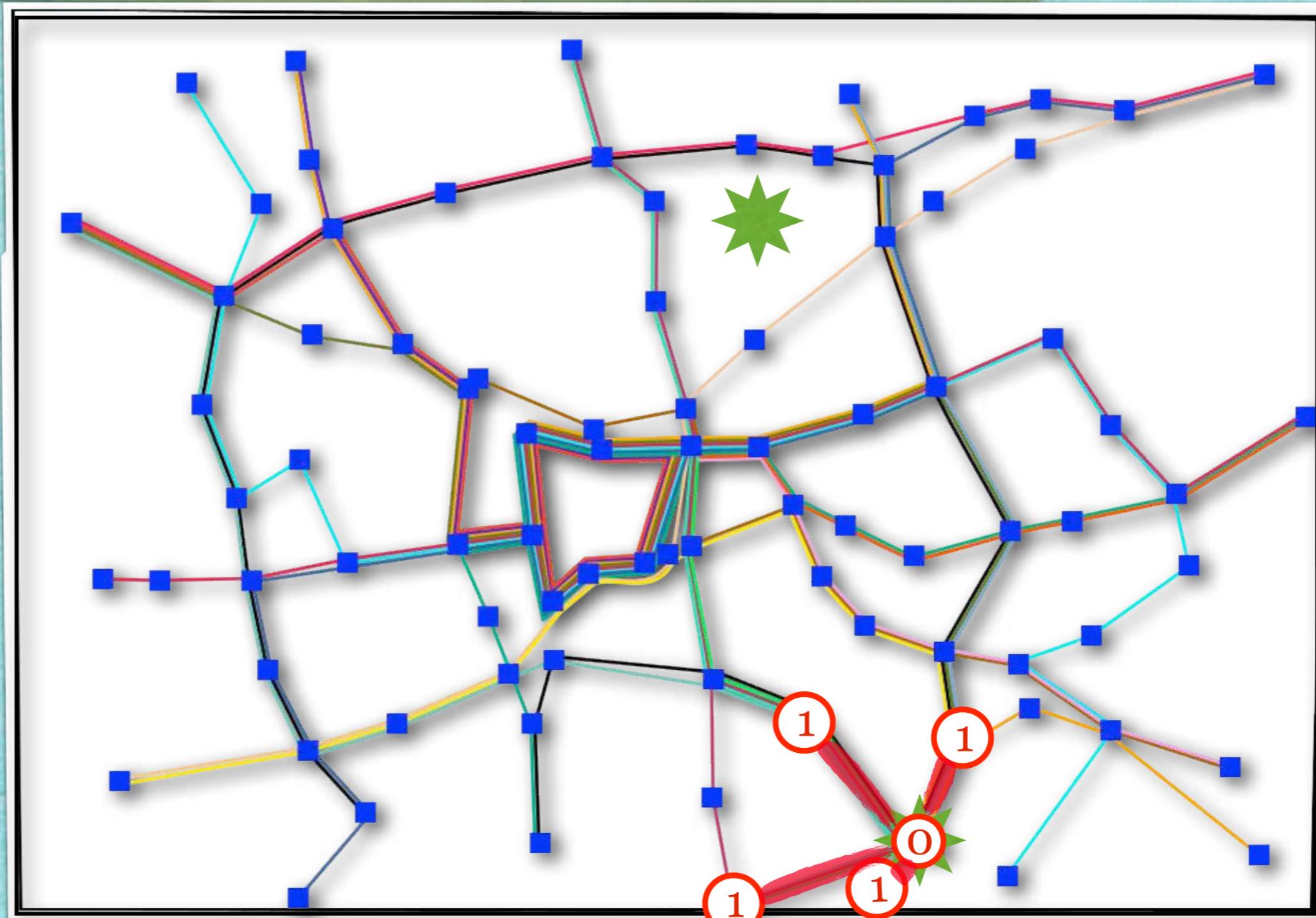
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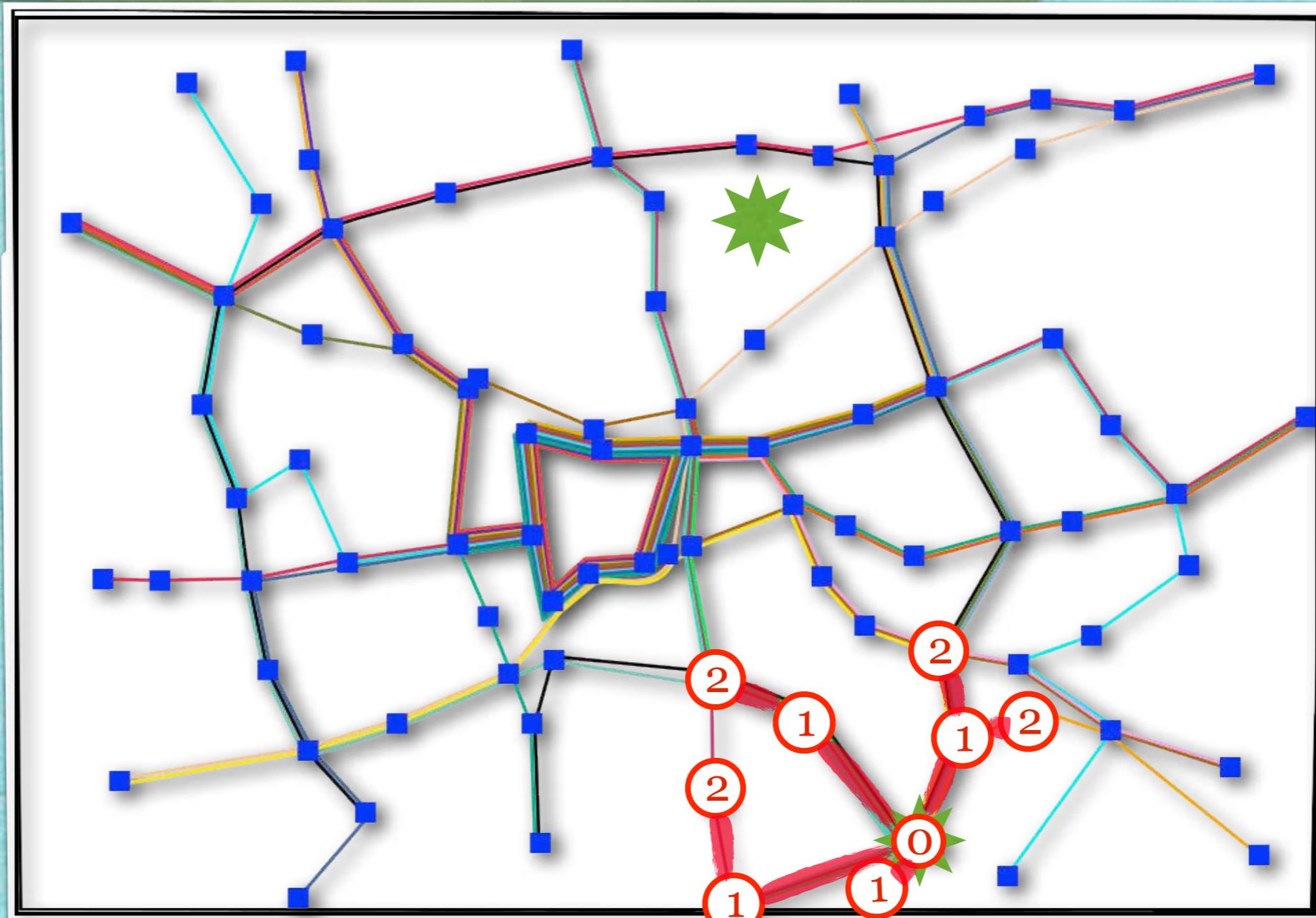
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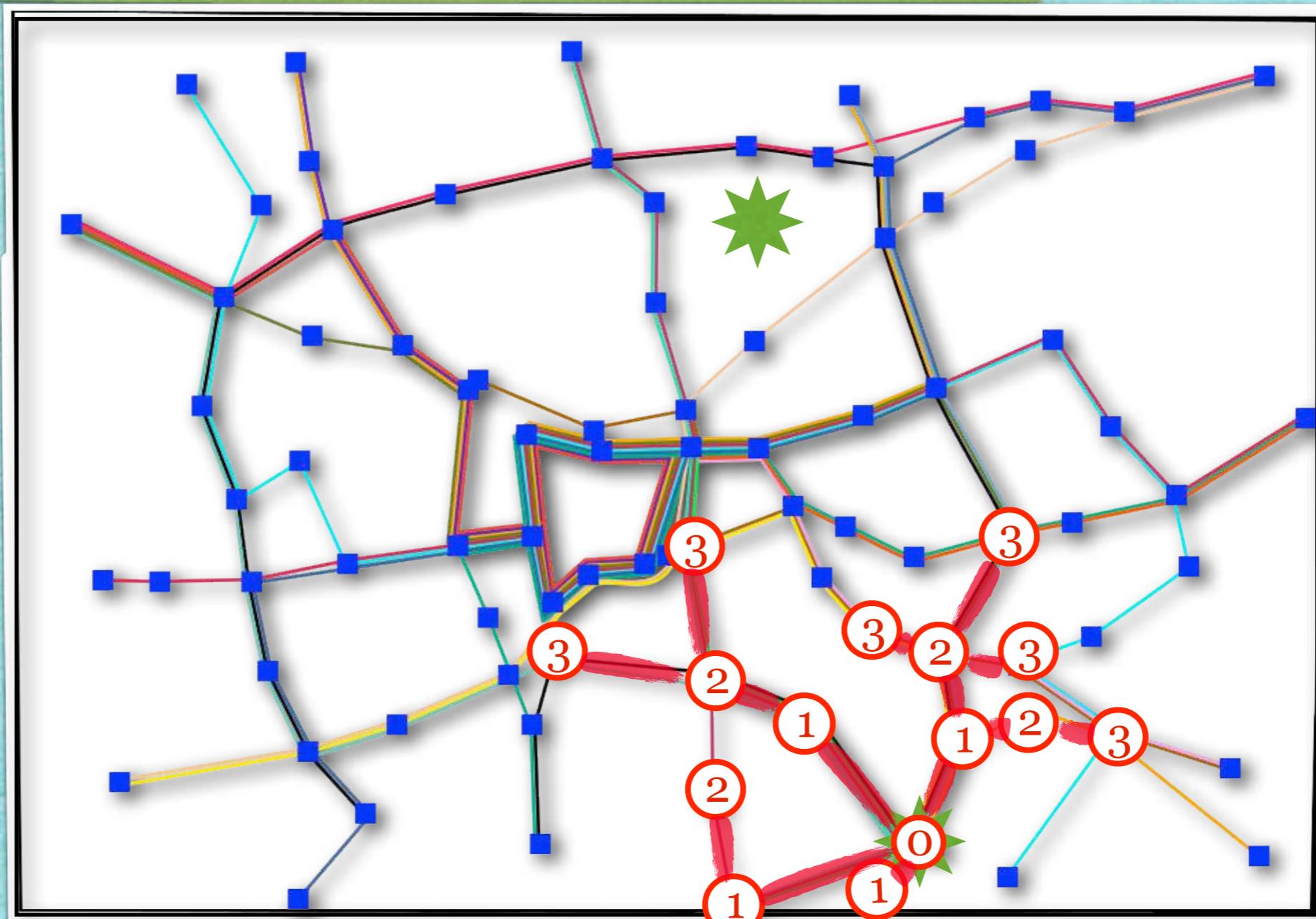
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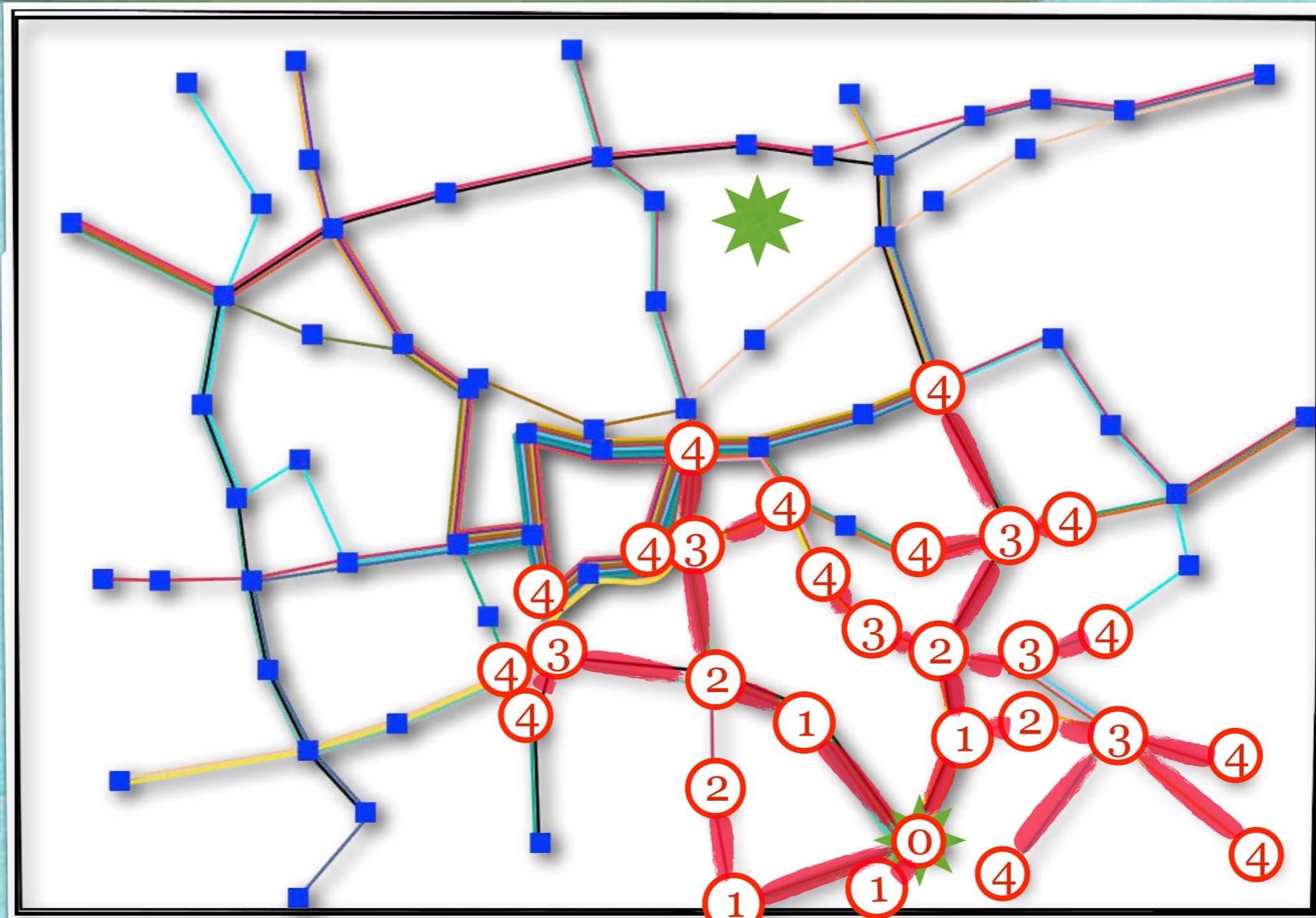
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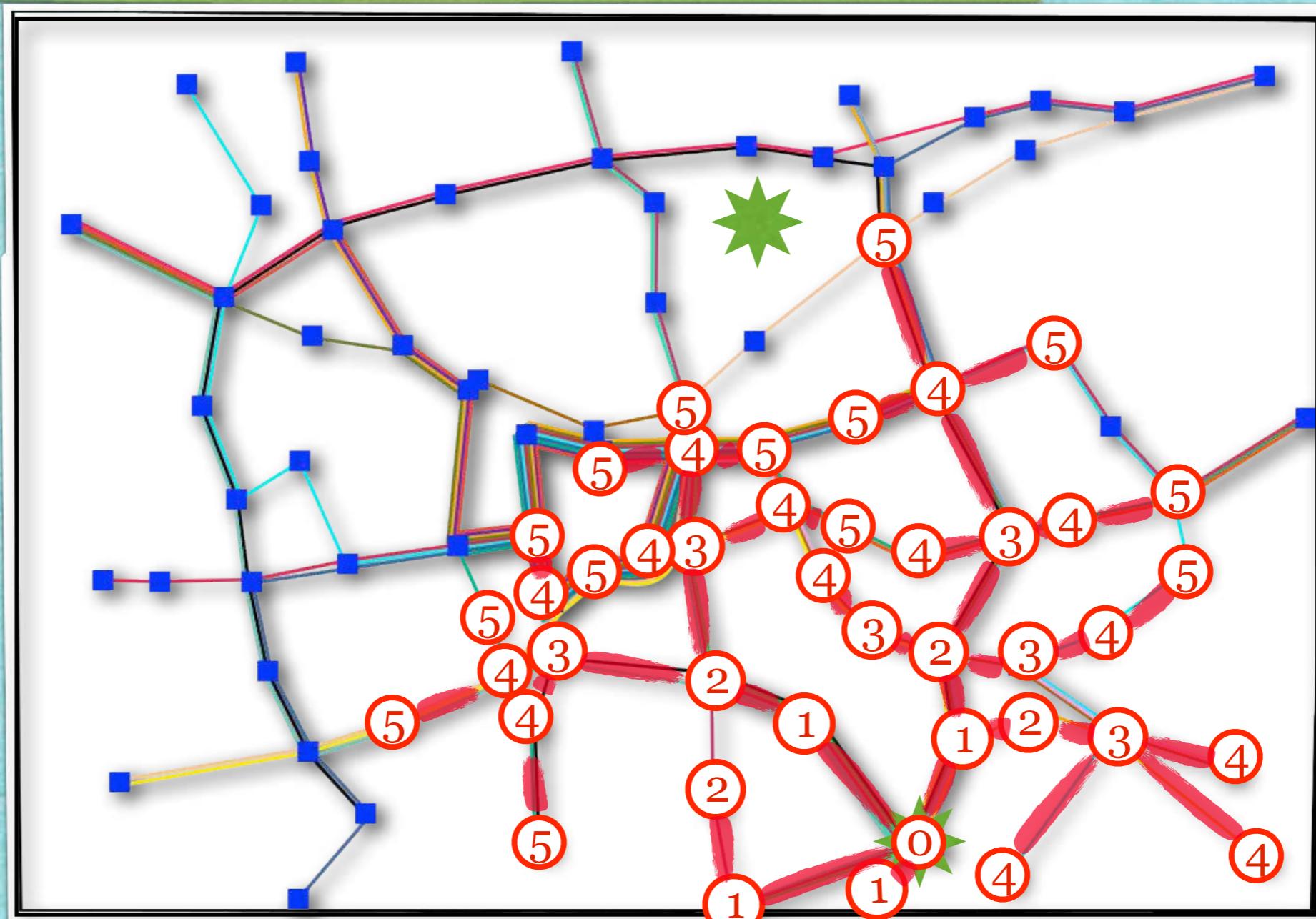
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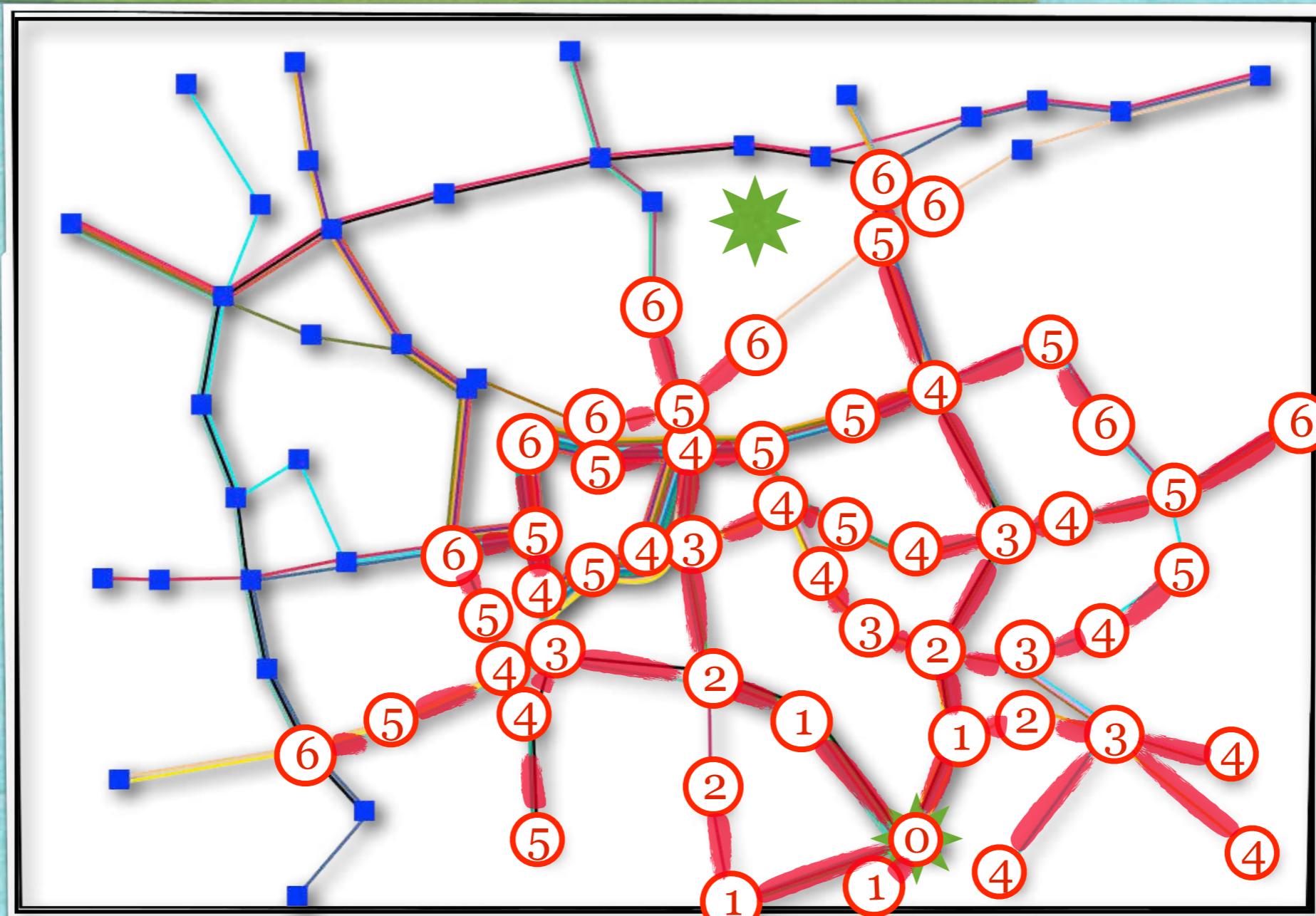
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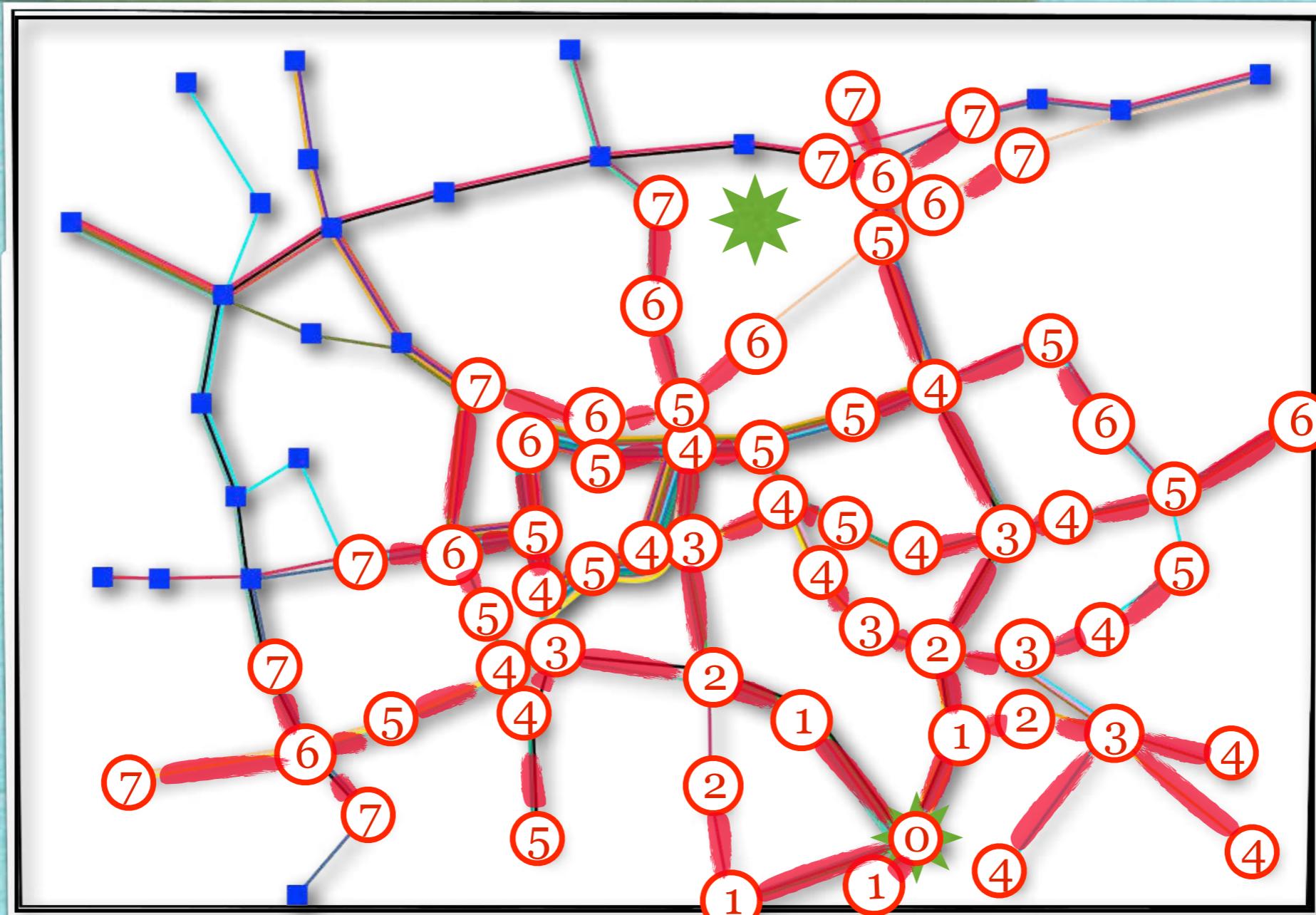
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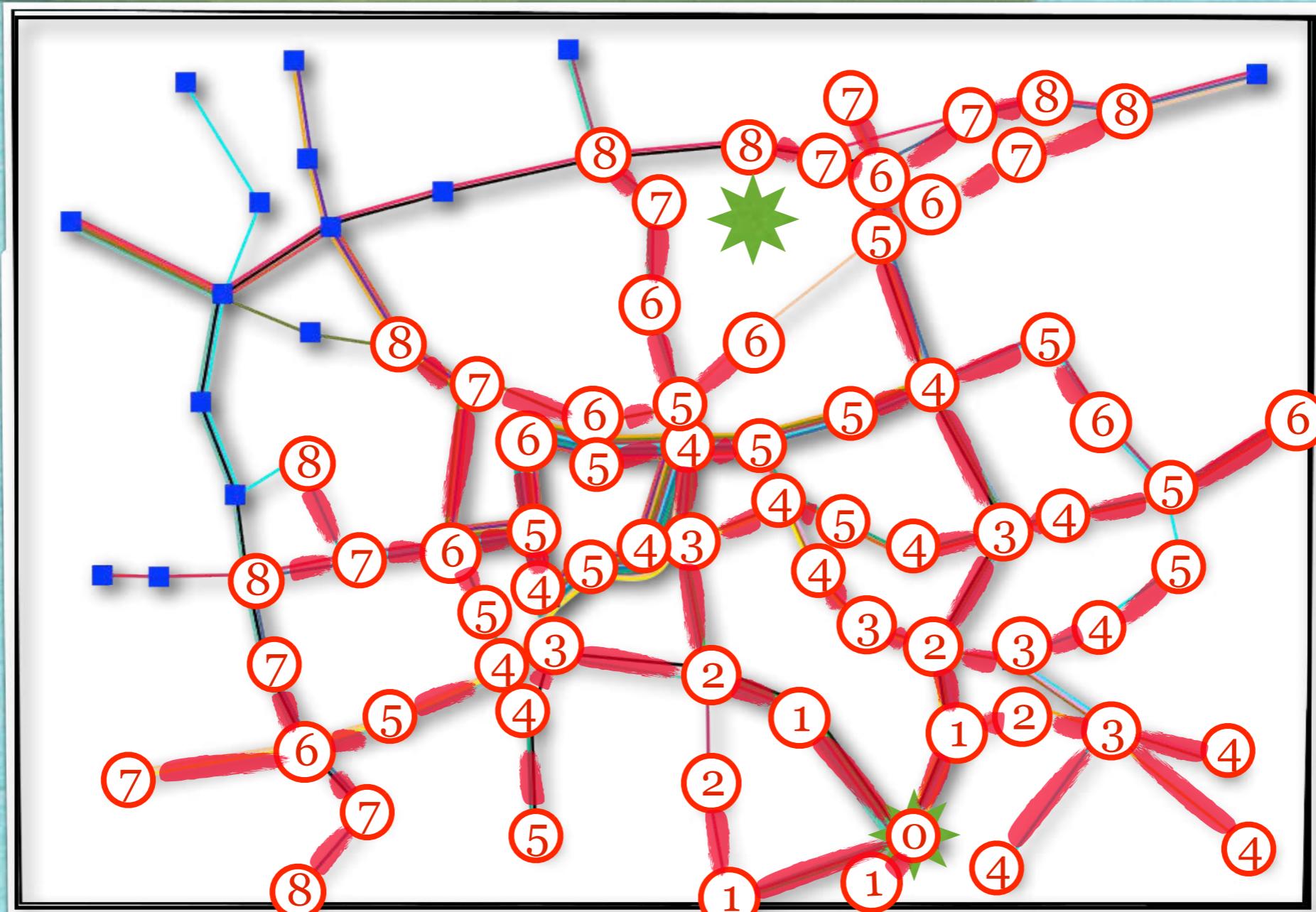
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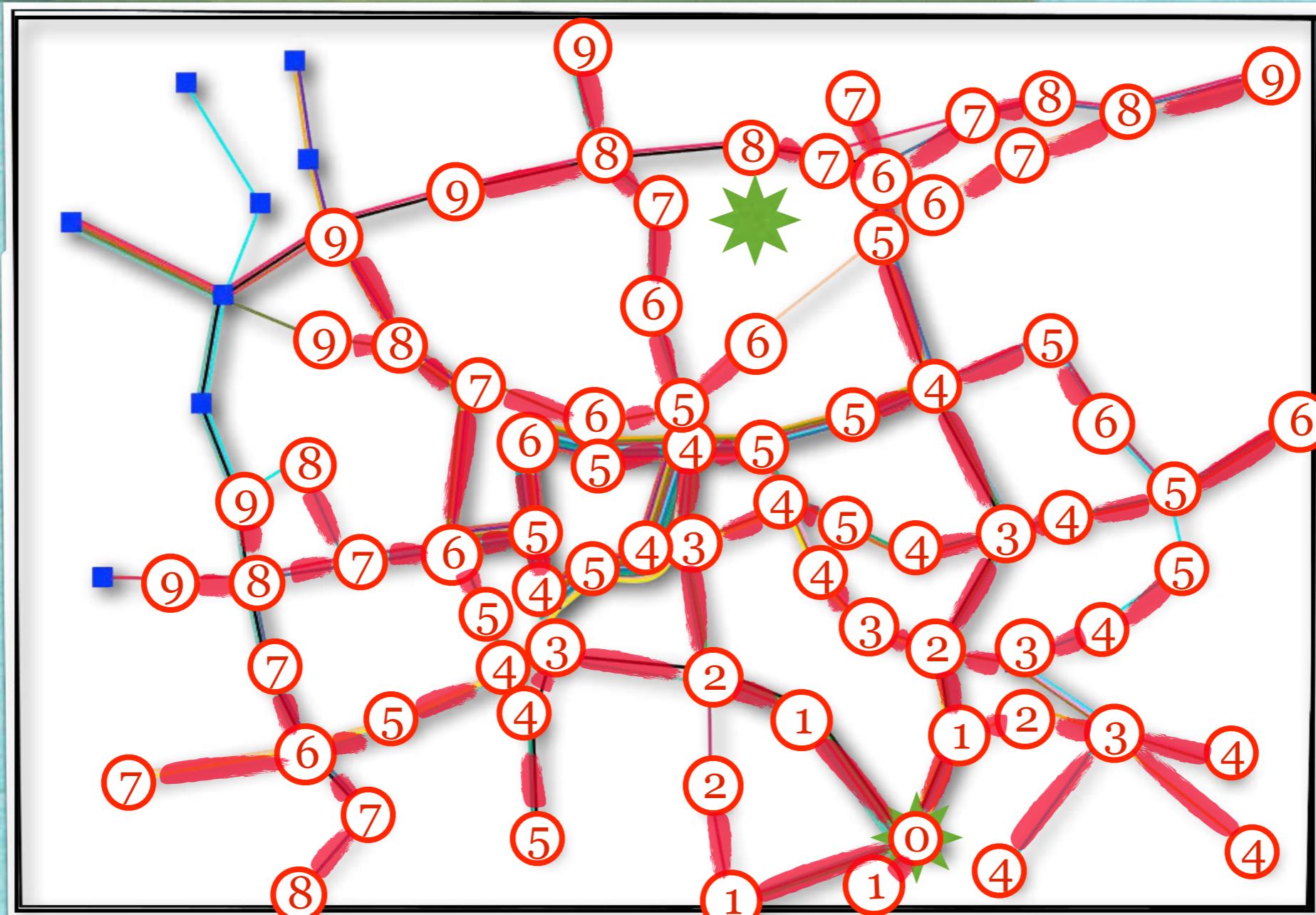
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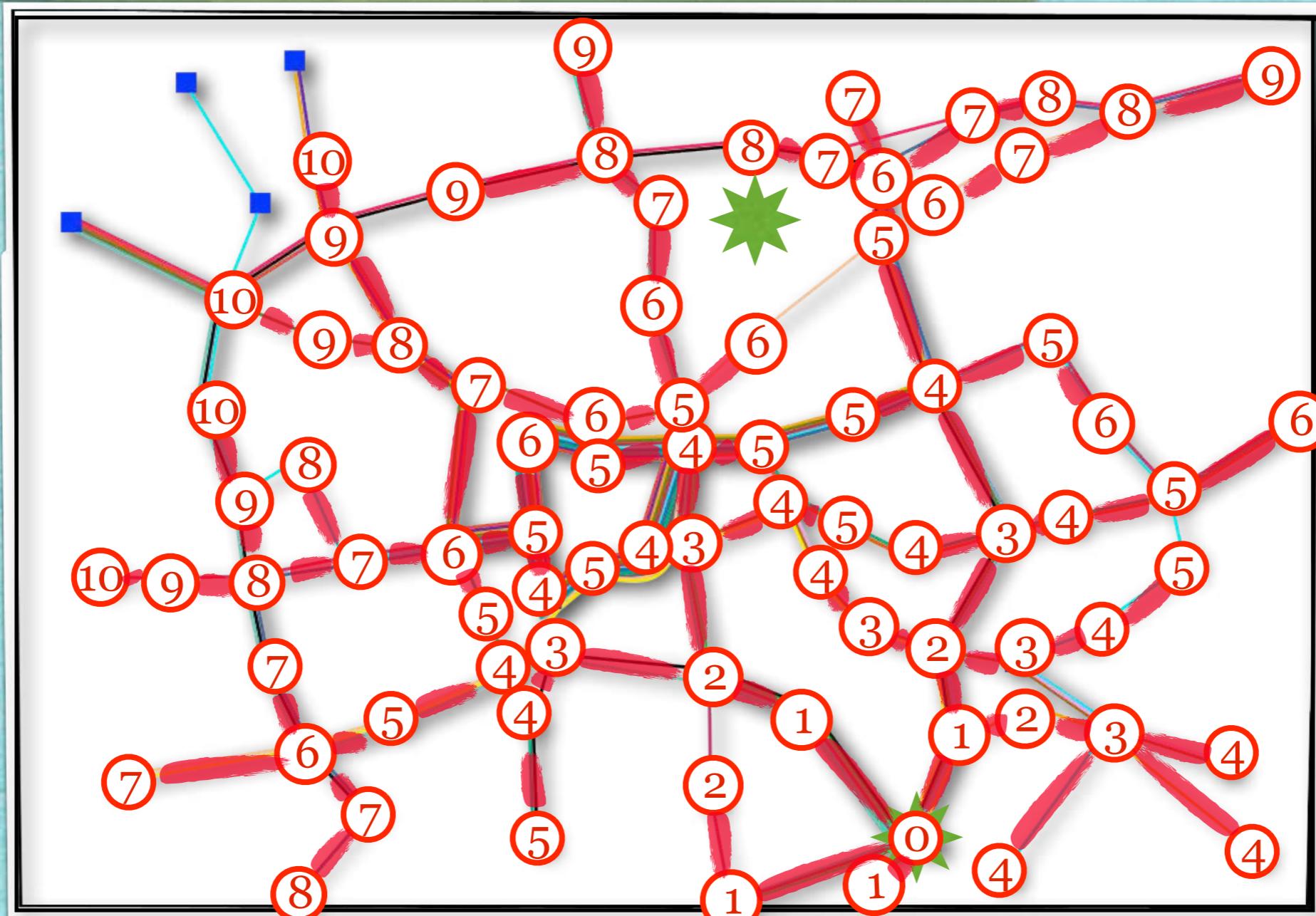
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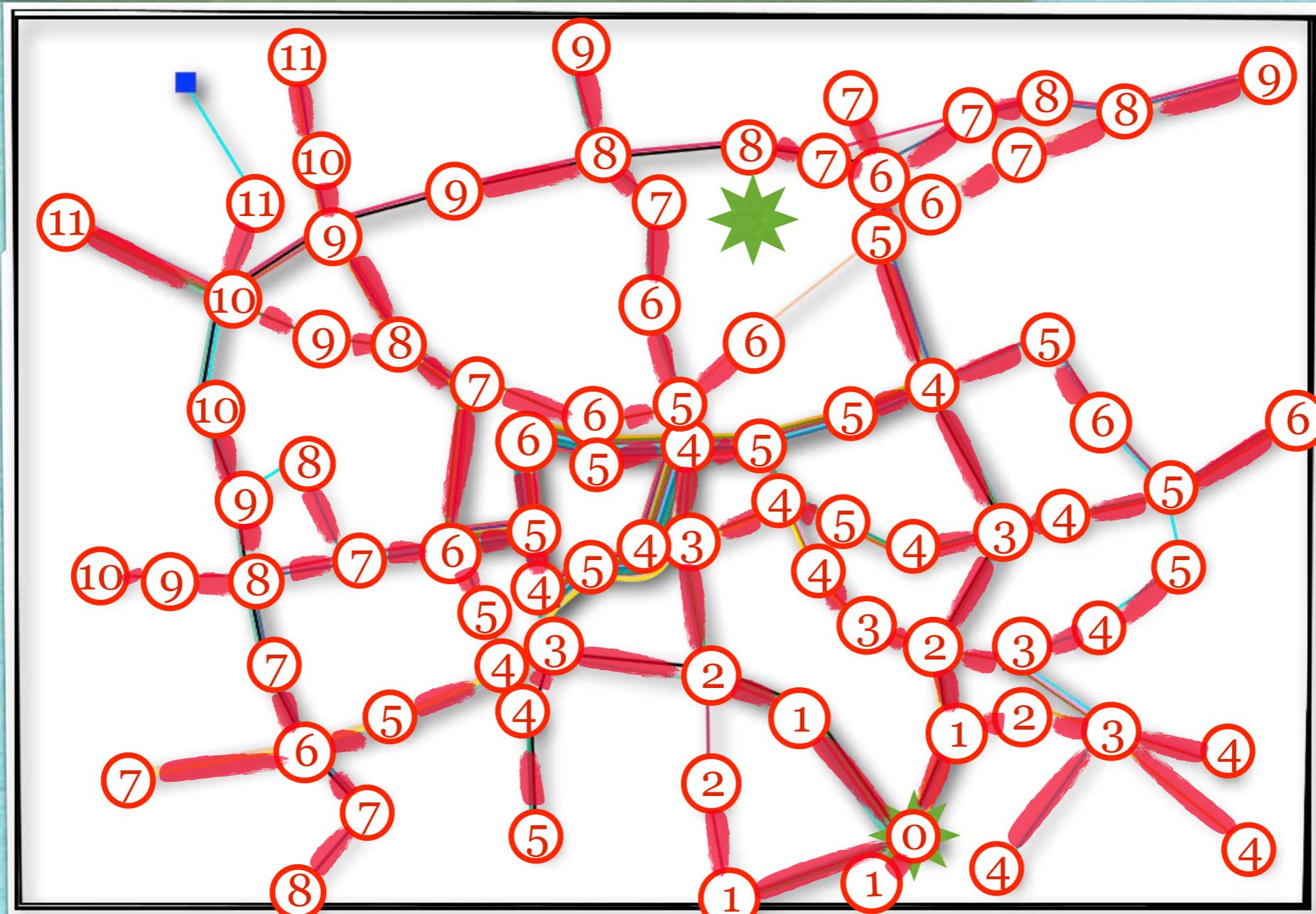
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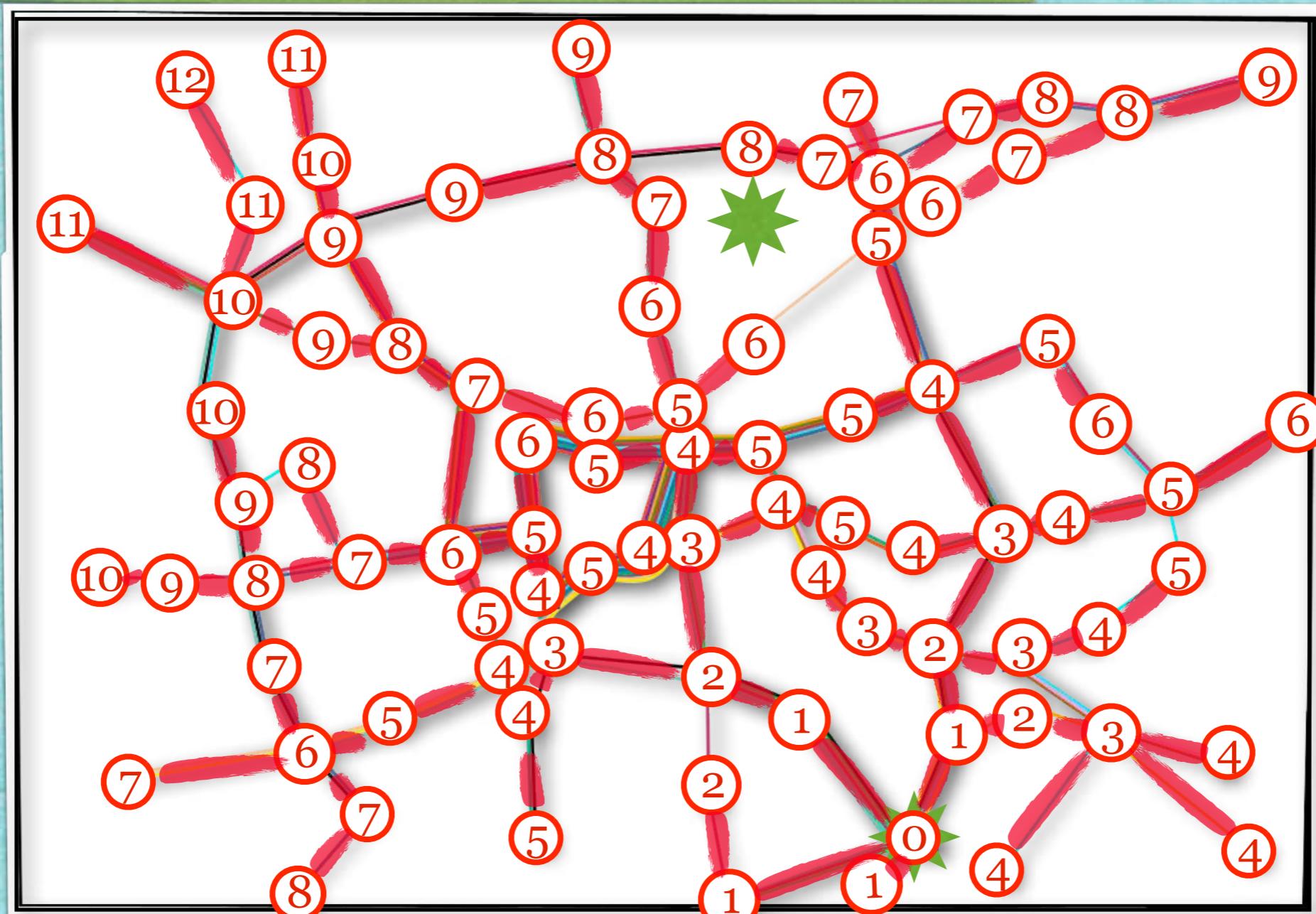
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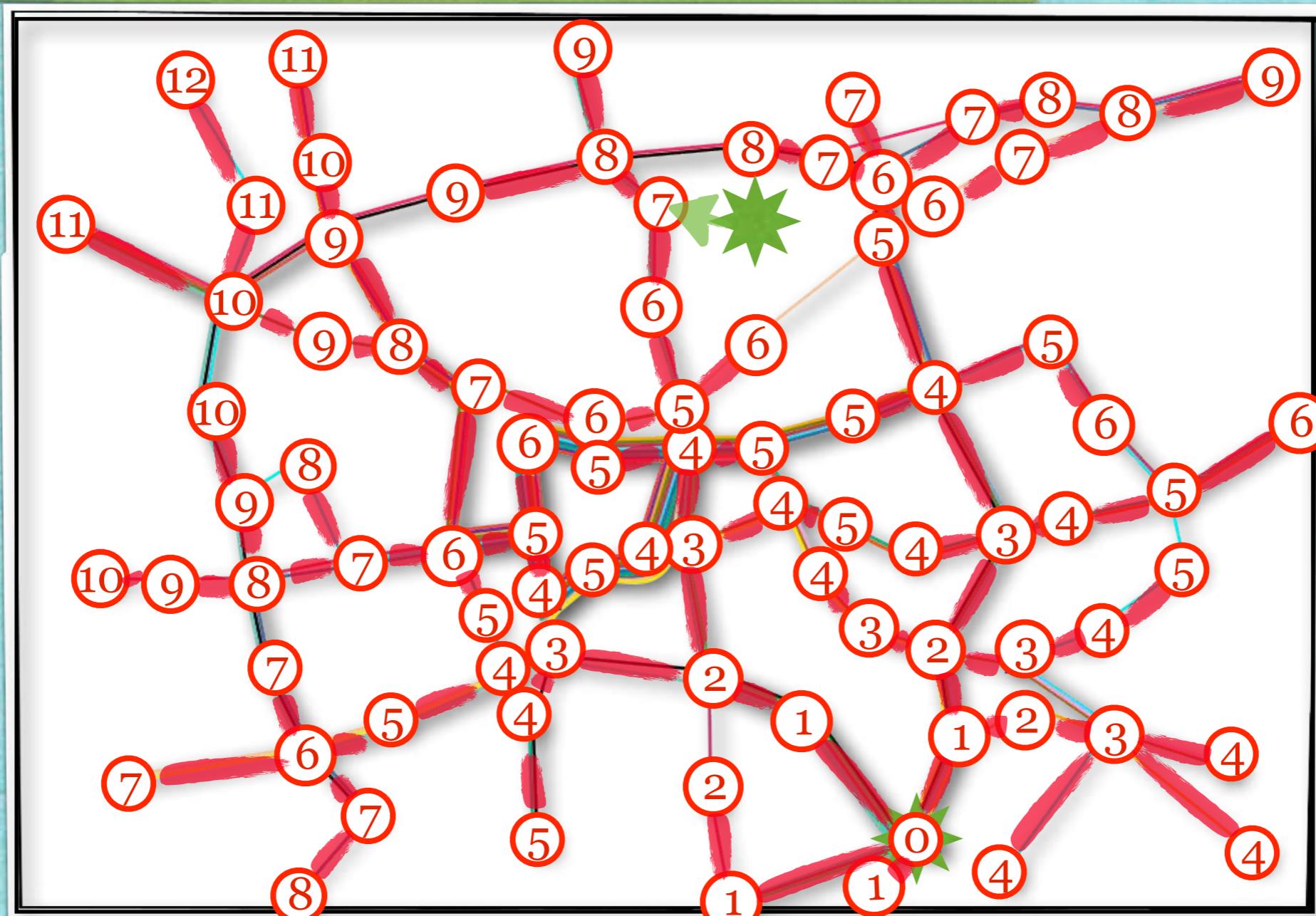
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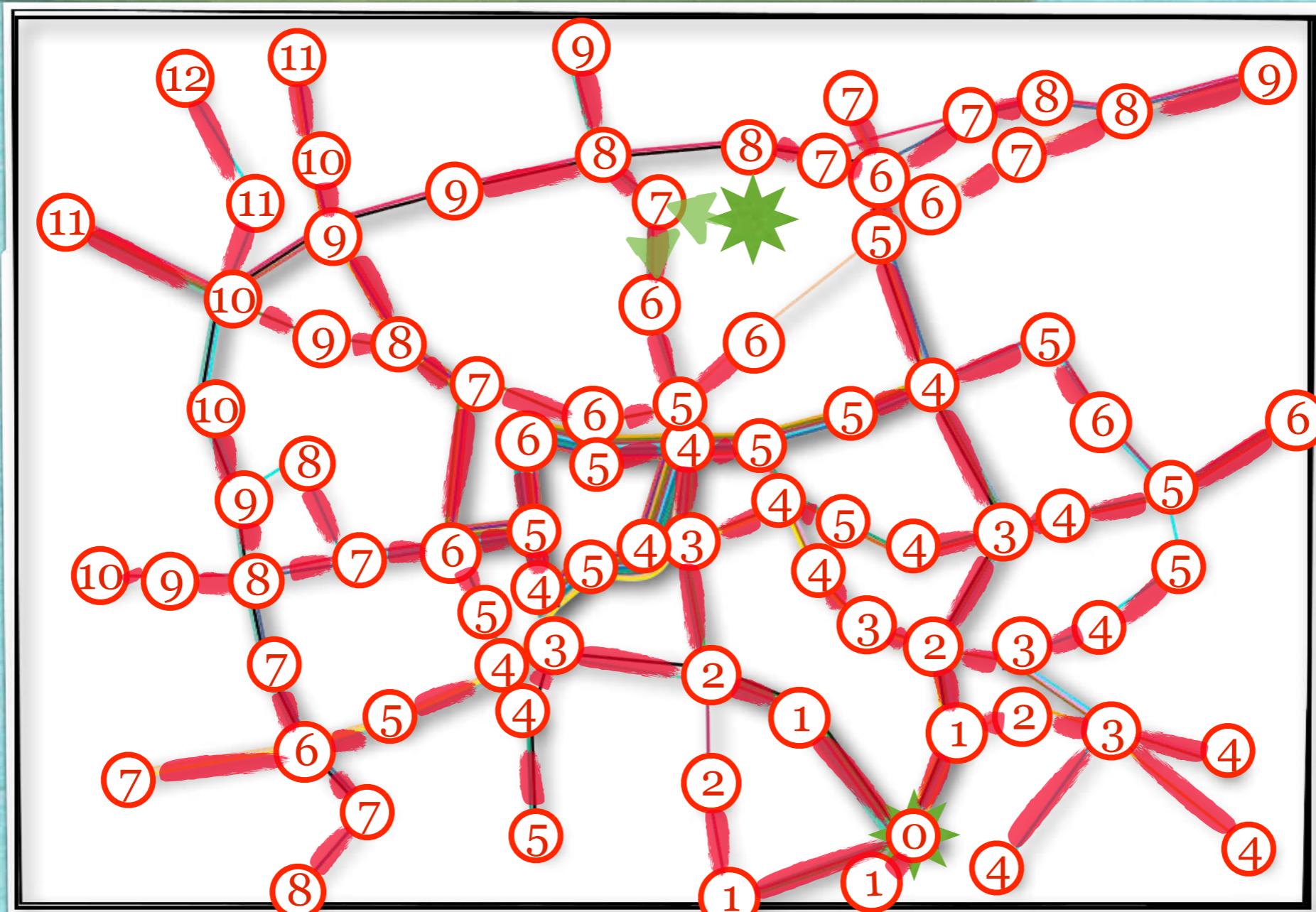


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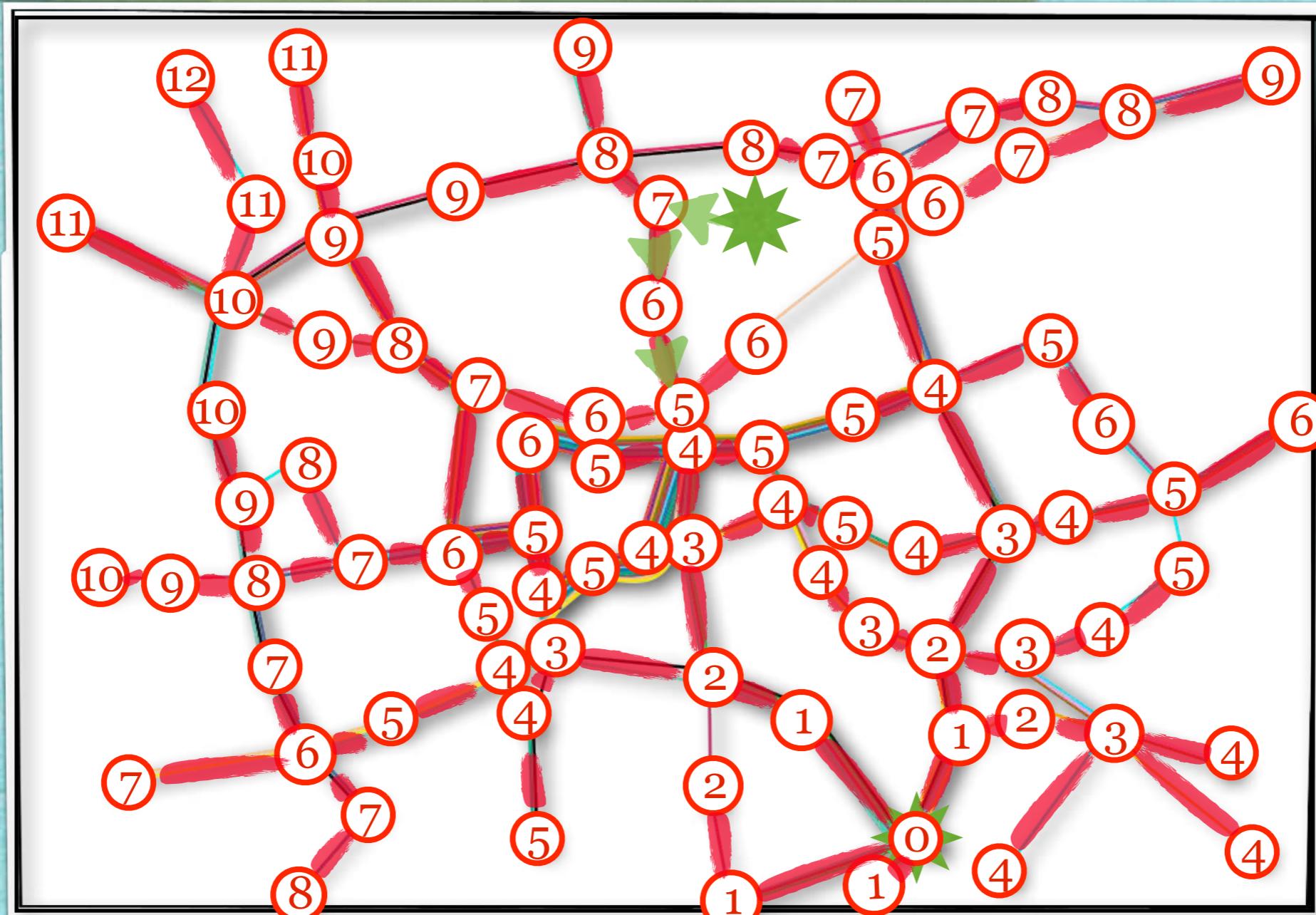
Breitensuche

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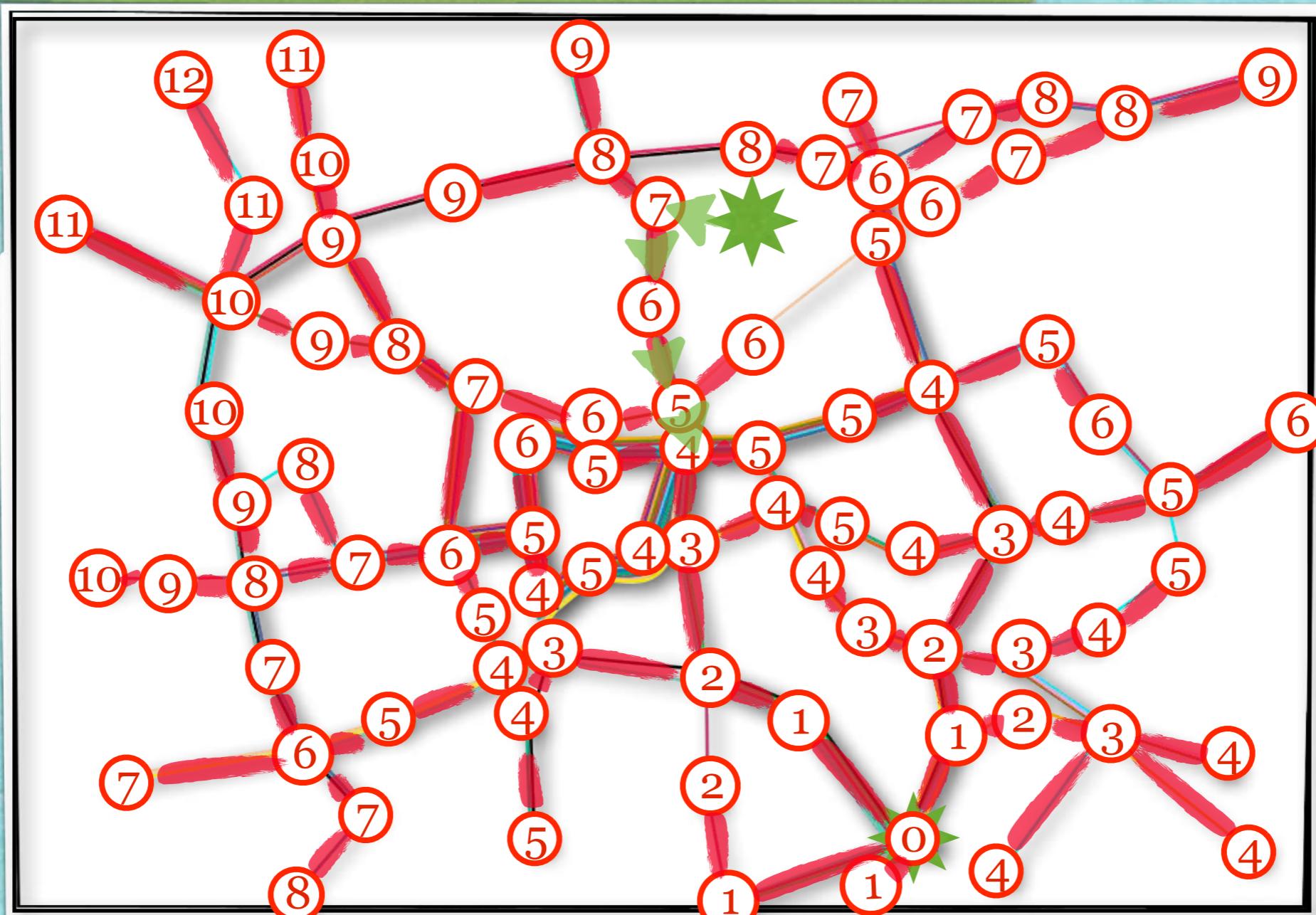
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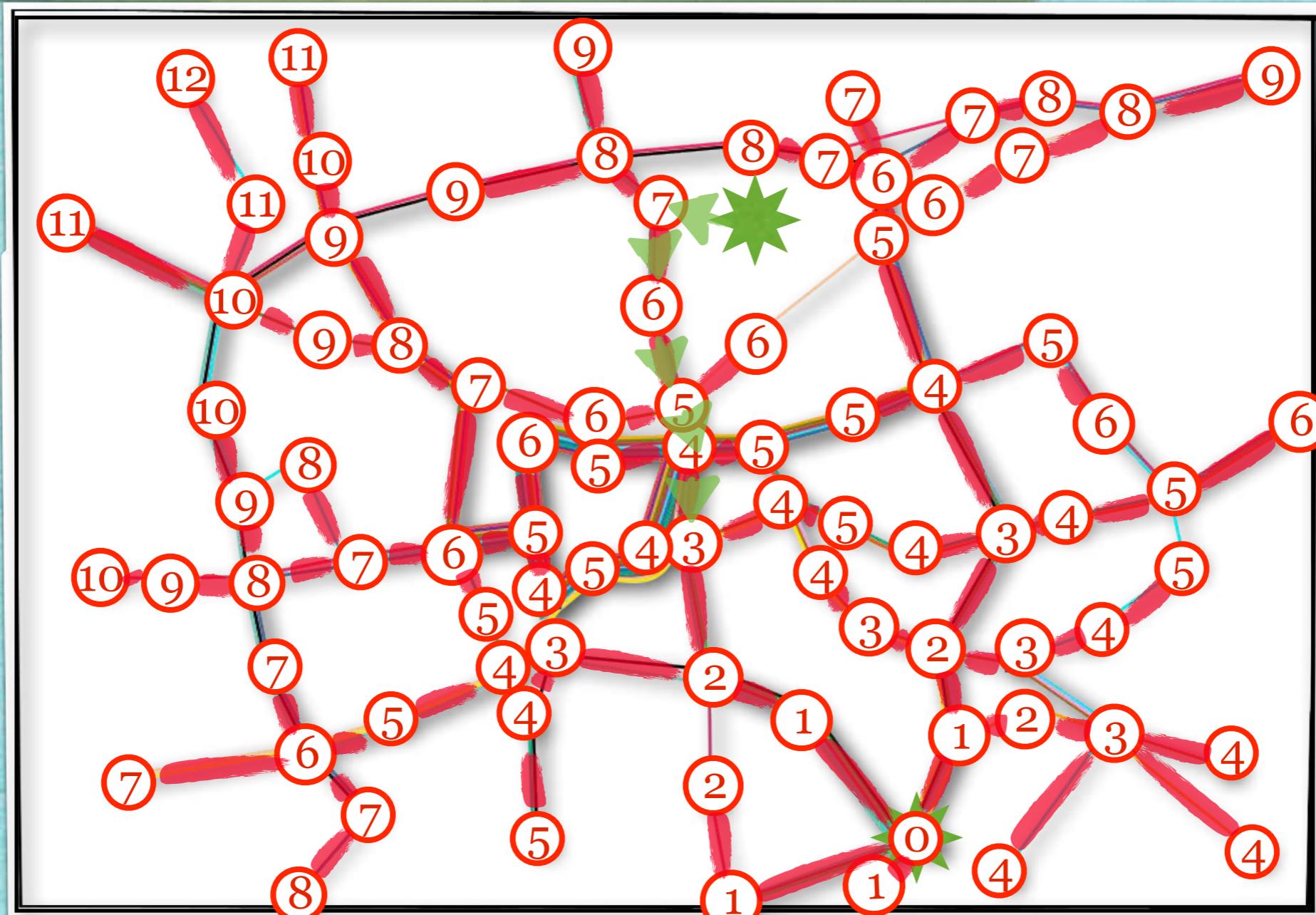
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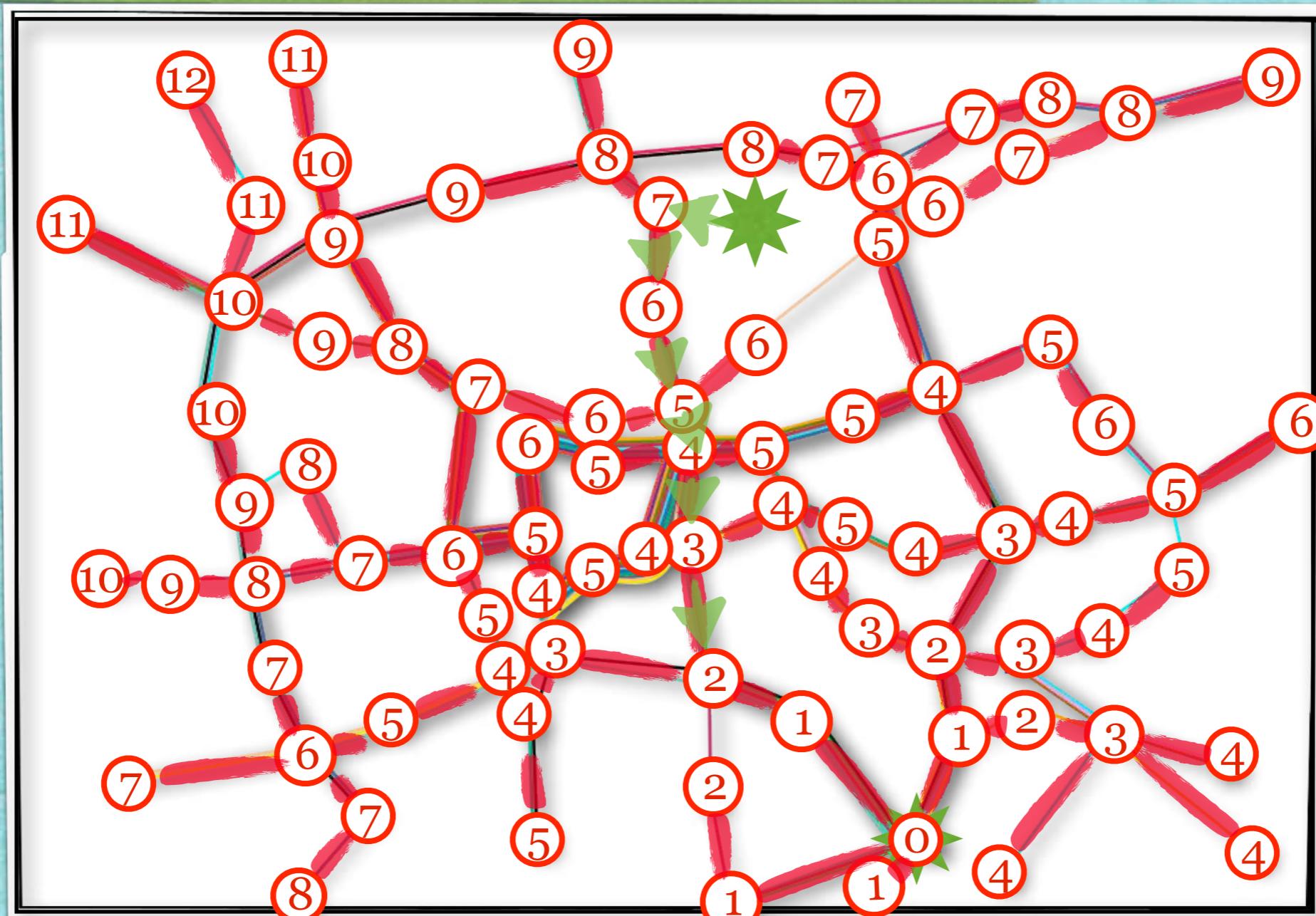
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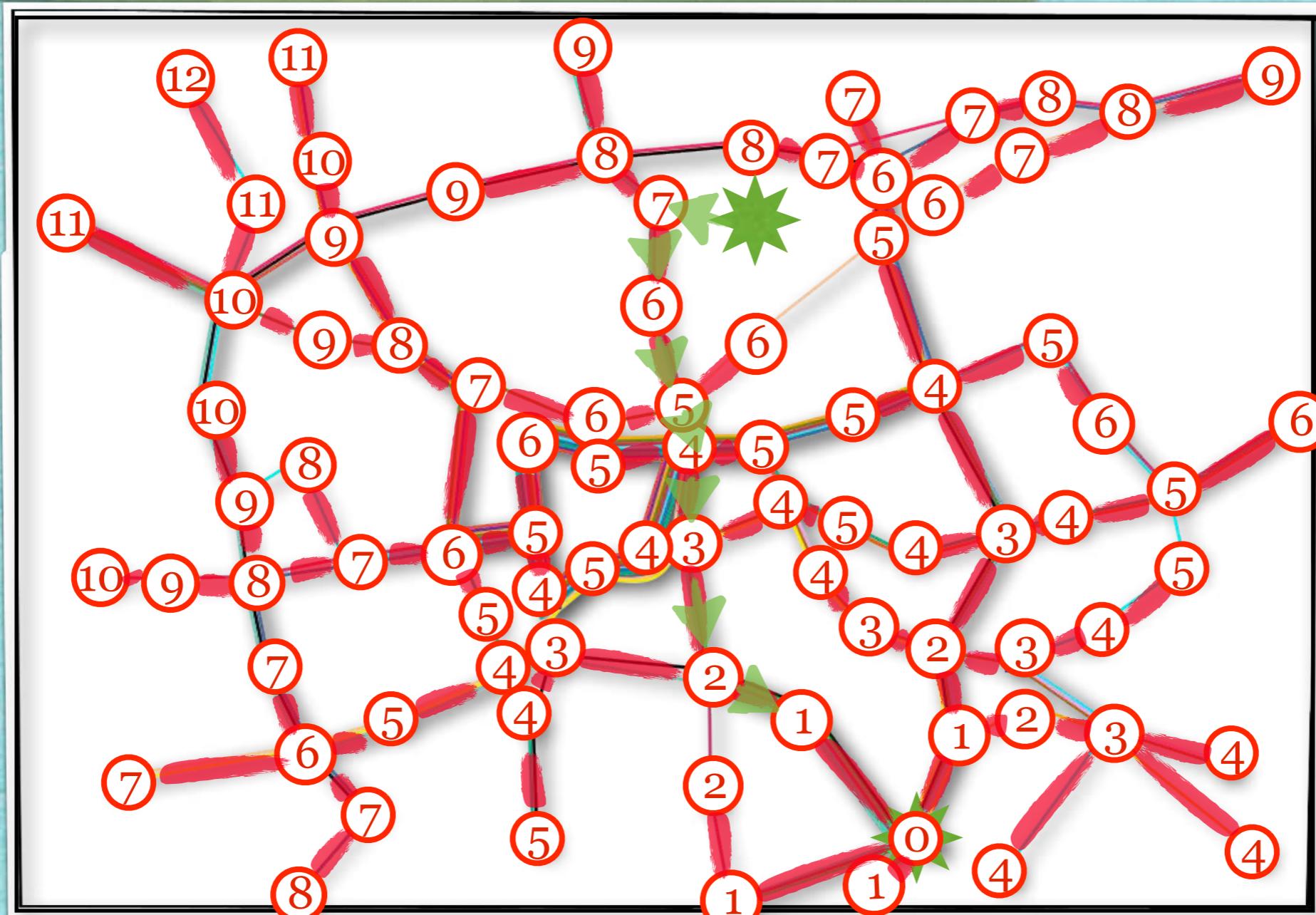
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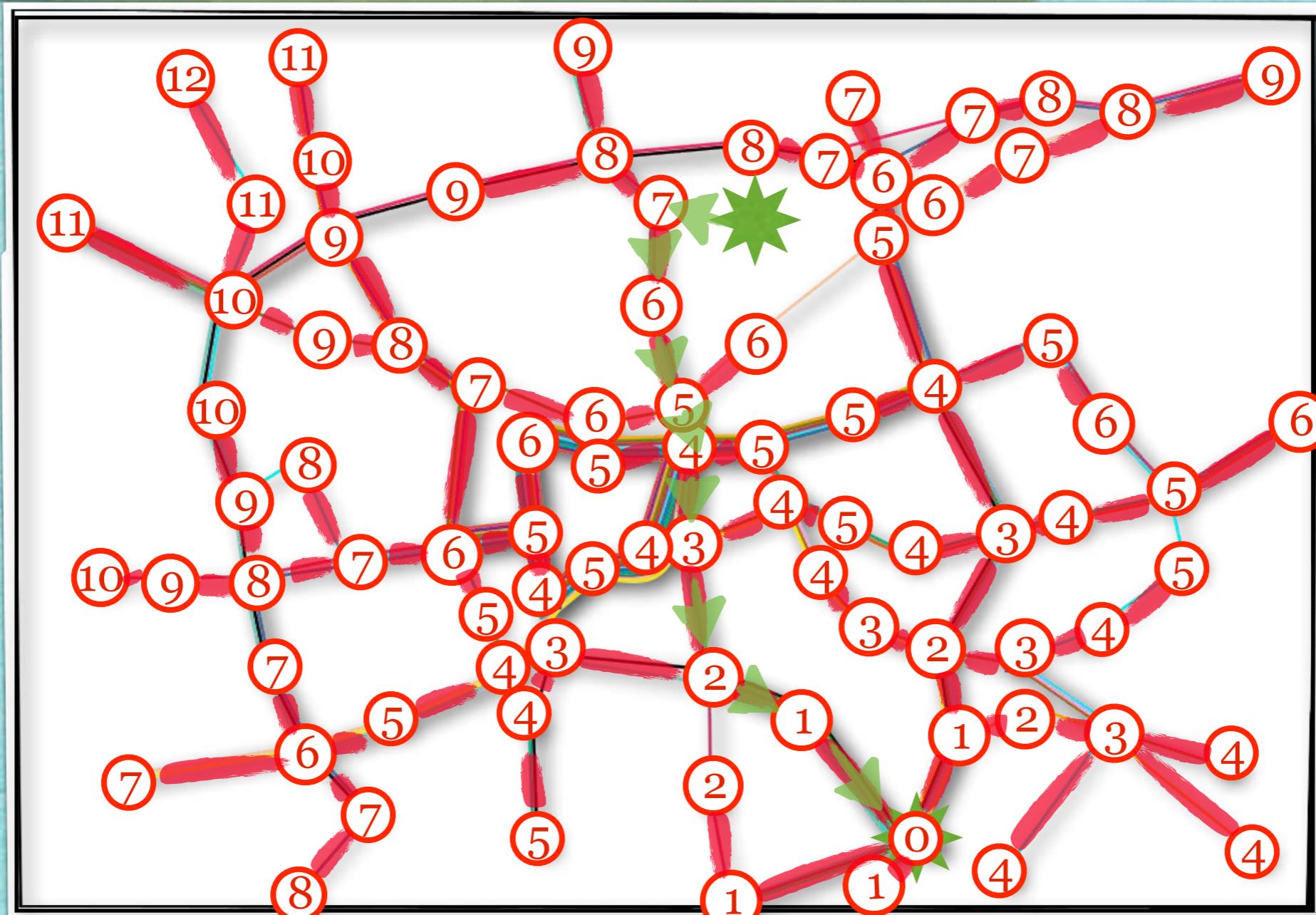
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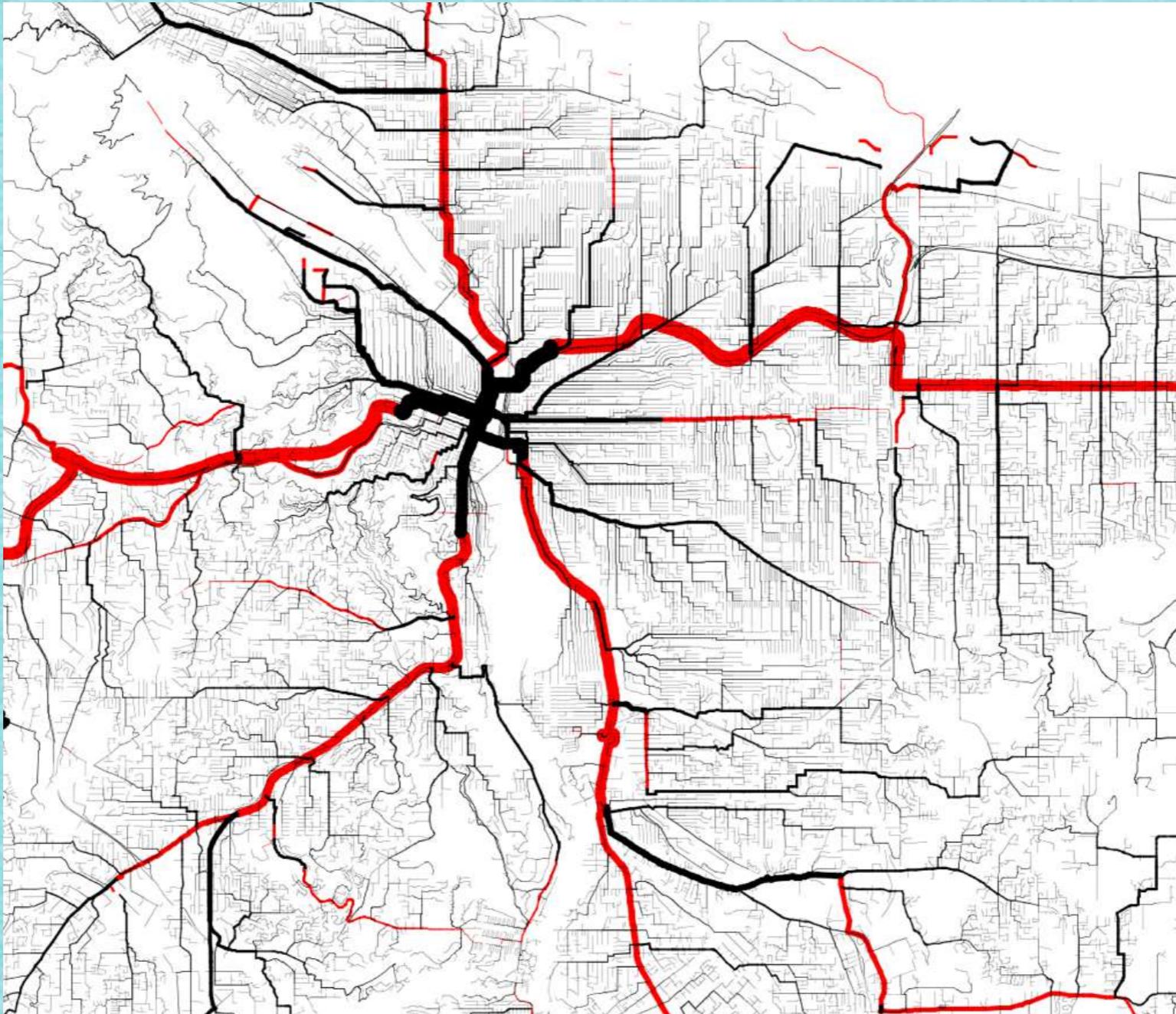
Breitensuche

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Breitensuche

Breitensuche liefert kürzeste Wege von einer Quelle aus



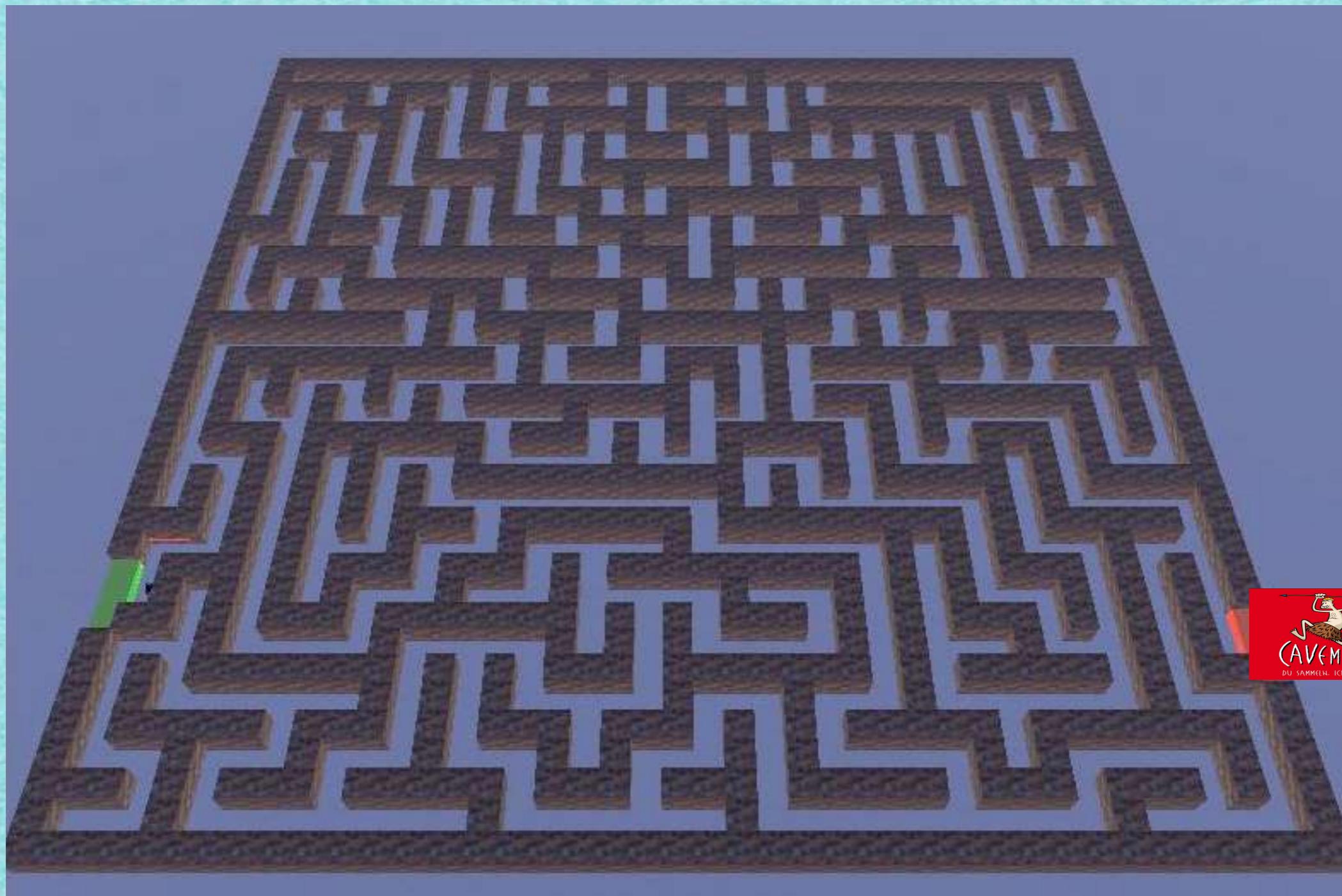
Viele "Sammler"

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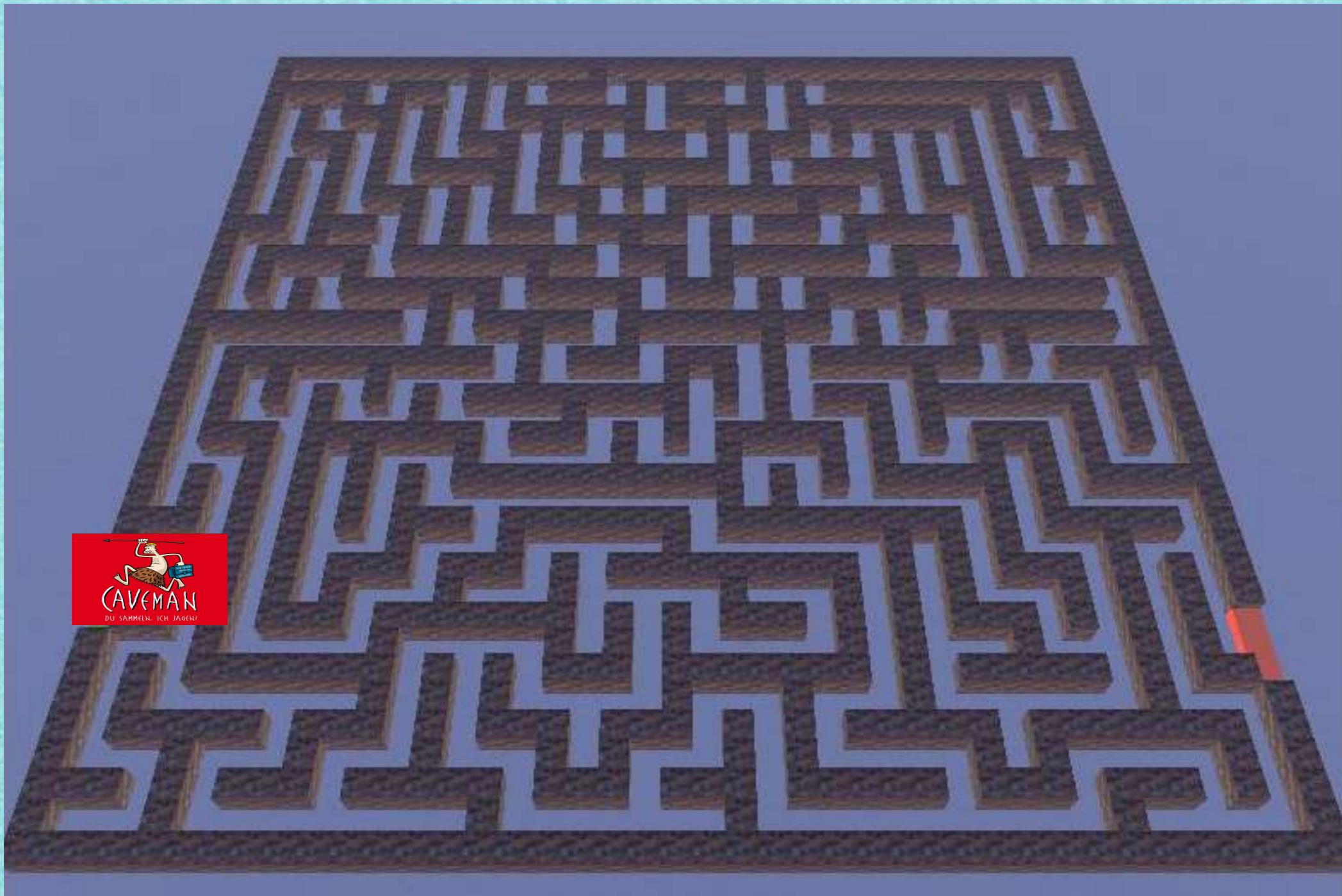
Viele "Sammler"

Tiefensuche findet lokal einen Weg durch ein Labyrinth



Ein "Jäger"

Tiefensuche findet lokal einen Weg durch ein Labyrinth



Ein "Jäger"



Zum dritten Mal ein Paar

Bettina und Christian Wulff zeigen sich erstmals wieder gemeinsam

Der ehemalige Bundespräsident Christian Wulff und seine Frau Bettina wagen zum dritten Mal einen Neustart ihrer Beziehung. Nun ist das Paar gemeinsam bei einem Presse-Event aufgetreten.

22.06.2021, 19.17 Uhr





"I told you we should have asked for directions."



"Alright then, I'll admit it... we're lost!"



A WEBCOMIC OF ROMANCE,
SARCASM, MATH, AND LANGUAGE.

PREPARING FOR A DATE:

WHAT SITUATIONS
MIGHT I PREPARE FOR?

- 1) MEDICAL EMERGENCY
- 2) DANCING
- 3) FOOD TOO EXPENSIVE

~~4) OVERDOING IT~~



OKAY, WHAT KINDS OF
EMERGENCIES CAN HAPPEN?

- 1) A) SNAKEBITE
- 2) B) LIGHTNING STRIKE
- 3) C) FALL FROM CHAIR

~~4) DANCING~~

~~5) OVERDOING IT~~

~~6) DANGEROUS DATING~~

~~7) DANGEROUS DATING~~

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Weiter an der Tafel!

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