First, we set up our `twitterCommunications` map using the data:

```java
Map<String, Set<String>> twitterCommunications = {
    BarackObama = [GeorgeTakei, TechCrunch, YouTube, facebook, whitehouse],
    ConanOBrien = [GeorgeTakei],
    GeorgeTakei = [BarackObama, ConanOBrien, SethMacFarlane, bing, jesus, wilw],
    NathanFillion = [aplusk, feliciaday, kellyoxford, levarburton, wilw],
    SethMacFarlane = [GeorgeTakei],
    Square = [TechCrunch],
    TechCrunch = [BarackObama, Square, facebook],
    YouTube = [BarackObama],
    aplusk = [NathanFillion],
    bing = [GeorgeTakei],
    facebook = [BarackObama, TechCrunch],
    feliciaday = [NathanFillion],
    jesus = [GeorgeTakei],
    kellyoxford = [NathanFillion],
    levarburton = [NathanFillion],
    whitehouse = [BarackObama],
    wilw = [GeorgeTakei, NathanFillion]
};
```

We want to determine how far `NathanFillion` is from `Square`. 
int distance = 0;
Set<String> current = [NathanFillion]
Set<String> next = [aplusk, feliciaday, kellyoxford, levarburton, wilw]
int distance = 1;
Set<String> current = [aplusk, feliciaday, kellyoxford, levarburton, wilw]
Set<String> next = [GeorgeTakei, NathanFillion]
int distance = 2;
Set<String> current = [GeorgeTakei, NathanFillion]

Set<String> next = [BarackObama, ConanOBrien, SethMacFarlane, aplusk, bing, feliciaday, jesus, kellyoxford, levarburton, wilw]
int distance = 3;
Set<String> current = [BarackObama, ConanOBrien, SethMacFarlane, aplusk, bing, feliciaday, jesus, kellyoxford, levarburton, wilw]
Set<String> next = [GeorgeTakei, NathanFillion, TechCrunch, YouTube, facebook, whitehouse]
```java
int distance = 4;
Set<String> current = [GeorgeTakei, NathanFillion, TechCrunch, YouTube, facebook, whitehouse]
Set<String> next = [BarackObama, ConanOBrien, SethMacFarlane, Square, TechCrunch, aplusk, bing, facebook, feliciaday, jesus, kellyoxford, levarburton, wilw]
```
\textbf{int} distance = 5;
\textbf{Set<String>} current = [BarackObama, ConanOBrien, SethMacFarlane, Square, TechCrunch, aplusk, bing, facebook, feliciaday, jesus, kellyoxford, levarburton, wilw]
So, finally, we see:

NathanFillion is distance FIVE from Square.