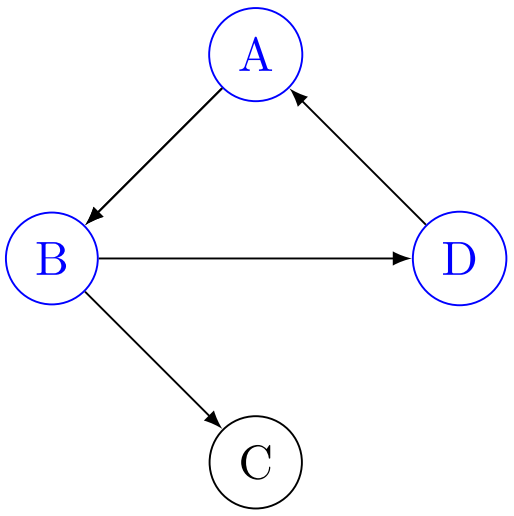
Basic terminology → Hubs

Medium 6 minutes

Imagine there are 10 sites with the identifiers A, B, C, D, E, F, G, H, I, and J. There is a link from

- I to J;
- B to C;
- E to F;
- C to G;
- G to H;
- H to G;
- H to I;
- C to A;
- A to B;
- D to E;
- F to D;
- F to J;
- J to I;
- B to D.

Let's name a group of sites a **hub** if each site of this group is reachable via links from any other site of this group. To make the definition clear, let's consider the following example:



Here, the sites A, B, and D form a hub, since each site from this group is reachable to any other via links. Despite there is a link from B to C, the site C is not included to the hub because there is no link from C to B and hence neither of A, B, or D is reachable from C.

Your task here is to find all hubs for the 10 mentioned sites and print them in the field below. The expected output format is the following:

```
A B
C D
F G H
```

Here each line corresponds to a hub, and sites' identifiers are separated by spaces.

Report a typo

Enter a short text

```
A B C
D E F
I J
H G
```

✓ Correct.

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