

Q2 - Downcasting

You need to use the technique of downcasting in your assignment Dungeon. So let's practice downcasting by casting the base class to derived class.

Input Format

The first line is the cat's name and age. The second line is the dog's name and age.

Constraints

Cast the base class to derived class. Do not manipulate the main function. Do not use virtual function.

Output Format

Print the info of the cat and the dog. Print the output by using printInfo.

Sample Input 0

```
Robin 9
Ted 4
```

Sample Output 0

```
Cat (Robin, 9)
Dog (Ted, 4)
```

Explanation 0

if dynamic_cast fails it returns 0 when using pointer.