Si realizzi un sequence diagram che rappresenti un'invocazione del metodo `cook()` della classe `RoboCook`.

```java
public class RoboCook {
    private IOComponent io;

    public void cook(Recipe r) {
        io.beep();
        List<Step> steps = r.getSteps();
        for(Step s : steps) {
            execute(s);
        }
        io.beep();
        String name = r.getName();
        io.sendSMS(name); //sends sms notification to the owner
    }

    private void execute(Step s) { /* execute step */ }
}
```