

# Robotic Code Representation

Our research lab has designed a robot that can execute various commands, e.g. `LEFT`, `DOWN`, `GRAB`, `UP`, `RIGHT`, `DROP`. Unfortunately, the commands need to be represented as strings composed of zeros and ones (so called Robotic Command Representation - RCR).

The robot is imperfect yet and processes long RCRs quite slowly. We would like to generate short RCRs for commands that are used frequently (we have a log of all commands that have ever been issued).

Our algorithmic team has sketched an algorithm for creating the RCRs:



- 00 for GRAB
- 01 for BACK
- 1 for LEFT

## Task

Implement a python class `RoboticCodeRepresentationGenerator` with:

- a constructor with the following signature

```
def __init__(self, issued_commands: List[str])
```

where `issued_commands` is the log of all commands ever issued,

- a method that calculates `rcr` for the given command:

```
def get_rcr(self, command: str) -> str
```

Please do not use any third party dependencies. You are of course free to use anything you need from the python standard library or implement any auxiliary methods or classes.