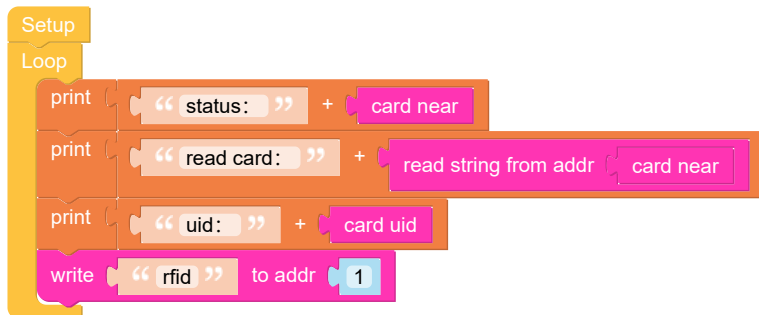


Faces RFID

Example

Detect if an RFID card is nearby, read the card's UID and a string from a specified address, and write the string "rfid" to address 1 of the card.



```
from m5stack import *
from m5ui import *
from uiflow import *
import face

setScreenColor(0x222222)

faces_rfid = face.get(face.RFID)

while True:
    print((str('status: ') + str((faces_rfid.isCardOn()))))
    print((str('read card: ') + str((faces_rfid.readBlockStr((faces_rfid.isCardOn()))))))
    print((str('uid: ') + str((faces_rfid.readUid()))))
    faces_rfid.writeBlock(1, 'rfid')
    wait_ms(2)
```

API

card near

```
faces_rfid.isCardOn()
```

- Checks if an RFID card is near the reader. If a card is detected, the system will trigger the corresponding action.

read string from addr 1

```
faces_rfid.readBlockStr(faces_rfid.isCardOn())
```

- Reads the string information stored at a specific address on the RFID card. The address is a location within the RFID card's memory.

card uid

```
faces_rfid.readUid()
```

- Retrieves the UID of the currently scanned RFID card. This UID is unique and can be used to uniquely identify a card.

write “ ” to addr 1

```
faces_rfid.writeBlock(1, 'rfid')
```

- Writes the specified string data to a specific storage address on the RFID card. The data written can be any text information.