# check50

## cs50/problems/2025/x/sentimental/credit

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:) credit.py exists.

:) identifies 378282246310005 as AMEX

:) identifies 371449635398431 as AMEX

:) identifies 5555555555554444 as MASTERCARD

:) identifies 5105105105105100 as MASTERCARD

# :) identifies 4111111111111111 as VISA

**Log**

```
running python3 credit.py...
sending input 4111111111111111...
checking for output "VISA\n"...
```

# :) identifies 4012888888881881 as VISA

**Log**

```
running python3 credit.py...
sending input 4012888888881881...
checking for output "VISA\n"...
```

# :) identifies 4222222222222 as VISA

**Log**

```
running python3 credit.py...
sending input 4222222222222...
checking for output "VISA\n"...
```

# :) identifies 1234567890 as INVALID

**Log**

```
running python3 credit.py...
sending input 1234567890...
checking for output "INVALID\n"...
```

# :) identifies 369421438430814 as INVALID

**Log**

```
running python3 credit.py...
sending input 369421438430814...
checking for output "INVALID\n"...
```

# :) identifies 4062901840 as INVALID

**Log**

```
running python3 credit.py...
sending input 4062901840...
```

```
checking for output "INVALID\n"...
```

## :) identifies 5673598276138003 as INVALID

**Log**

```
running python3 credit.py...
sending input 5673598276138003...
checking for output "INVALID\n"...
```

## :) identifies 4111111111111113 as INVALID

**Log**

```
running python3 credit.py...
sending input 4111111111111113...
checking for output "INVALID\n"...
```

## :) identifies 4222222222223 as INVALID

**Log**

```
running python3 credit.py...
sending input 4222222222223...
checking for output "INVALID\n"...
```