```
                                                              output "Pin
                                                              is incorrect"

                                                                  ▲
                                                                  │
                                                                true

  ┌────────┐        user inputs         user inputs      if users pin input        if users              ┌──────────────┐      ┌────────┐
 (  start   )──────▶   pin      ──────▶  withdraw   ────▶  != their pin  ──false──▶  withdraw >  ──false─▶│ withdraw money│─────▶(  end   )
  └────────┘                             amount                                     account balance       └──────────────┘      └────────┘

                         ▲                                                              │
                         │                                                            true
                         │                                                              ▼
                         │                                                        output "Your
                         │                                                         withdraw
                         └─────────────────────────────────────────────────────── exceeds you
                                                                                    r account
                                                                                    balance"
```

```
start
```

Open CVS file in new birthdayArray

end

var today = today's date in epoch time

output amount of people from peopleCount and average age

var peopleCount = 0

let ageAverage=total age / count

var ageCount = 0

false

for people in list

label

convert birthday to epoch time

var age = epoch birthday - todays date

add 1 to count

add age to ageCount

maybe add "convert to years"

start

extract name list

combine

create nameArray = extracted list

var longestName = the first name in array

use pseudocode

for each name in nameArray

true

if name length > longestName length

true

longestName = name

false

output longestName

end

label

```
                                          ┌─────────────────┐
                                          │  add 11 to total │
                                          └─────────────────┘
                                                    ▲
                                                   true
                                              ◇─────────────◇
          ┌──────────────────┐   false      │ if card = jack, │
          │ add card number to │◄────────────│ king, or queen  │
          │      total        │              ◇─────────────◇
          └──────────────────┘                      ▲
                    │                               │
                    ▼                               │
┌────────┐   ┌──────────────┐   ◇──────◇    ┌──────────────┐
│ start  │──►│ var total = 0 │──►│ if total │──►│  draw a card  │
└────────┘   └──────────────┘   │   < 17   │    └──────────────┘
                                 ◇──────◇          label
                                     │
                                   false
                                     ▼
                              ╱──────────────╲
                              │  output total │
                              ╲──────────────╱
                                     │
                                     ▼
                                ┌────────┐
                                │   end  │
                                └────────┘
```