labels

Start → "What is your pin?" → "How much would you like to withdrawal?" → Does pin = user's pin? → Is withdrawal > balance? → Remove withdrawal ammount from account → End

No → "Your pin is incorrect"

Yes → Your balance isn't great enough

```
          ┌─────────────────┐   ┌─────────────────┐
          │ Increase number │◄──│ Add age to total│
          │ of people counted│   │ value of people's│
          │                 │   │ ages            │
          └─────────────────┘   └─────────────────┘
                   ▲                     ▲
                   │                     │
 ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌───────────┐ Not Done ┌──────────┐  ┌──────────┐
(  Start   )─►│Open file │─►│Store     │─►│Store     │─►│Store total│─────────►│Convert   │─►│Calculate │
 └──────────┘  │and store │  │today's   │  │number of │  │value of   │         │birthday  │  │age       │
               │CSV       │  │date,     │  │people    │  │people's   │◄────────│to epoch  │  └──────────┘
               │contents  │  │converted │  │counted   │  │ages       │ For each│time      │
               │to list   │  │to epoch  │  └──────────┘  └───────────┘ person   └──────────┘
               └──────────┘  │time      │                    in list
                             └──────────┘                 ◄── Done
                                                               │
                                                               ▼
                                                    ┌──────────────┐
                                                    │Calculate     │
                                                    │average age of│
                                                    │people in list│
                                                    └──────────────┘
                                                               │
                                                               ▼
                                                    ┌──────────────┐
                                                    │Print number  │
                                                    │of people in  │
                                                    │list and their│
                                                    │age           │
                                                    └──────────────┘
                                                               │
                                                               ▼
                                                         (   End   )
```

start longest name first

Start

Get list of
names from
file

For each:

Not Done

If name.length >
longestName.lengt
h

False

true

longestName =
name

Done

Print longest
name

End

```
Start → Deck = list of 52 cards → If hand >= 17 → Randomly pick an item from deck → Add cards value to hand → Remove item from deck
```

Start

Deck = list of 52 cards

If hand >= 17

End

Randomly pick an item from deck

Add cards value to hand

Remove item from deck

Forgot the Jack/Queen/King = 11