

## 1 SETUP()

```
size(1000,1000); //subject to change
textSize(48); //subject to change
textAlign(RIGHT); //subject to change
```

## 2 VARIABLES

```
String name;
int age;
String dogName;
String family;
Introduction activeFact;
```

## 3 INTERFACES:

```
interface Introduction
```

## 4 METHODS:

```
Introduction.compareNumber(int number) ... boolean
Introduction.isImage() ... boolean
Introduction.nextFact() ... IFact
Introduction.diaplay() ... void
```

## 5 CLASSES:

```
Fact(int displayNumber, IFact next, String text) implements fact
Image(int displayNumber, IFact next, String imageName) implements fact
```

## 6 INPUT:

```
mouse clicks or time
```

## 7 ORDER:

### 7.1 fact1

```
displayNumber = 1
nextFact = imageMe
text = "Hi my name is Paul Plew but I usually go by the name PT"
```

### 7.2 imageMe

```
displayNumber = 2
nextFact = fact2
imageName = "me.jpg"
```

### 7.3 fact2

```
displayNumber = 3
nextFact = fact3
text = "I am 19 years old but by the time you're grading this I will probably be 20!"
```

### 7.4 fact3

```
displayNumber = 4
nextFact = imageHome
text = "I moved to Boston from Los Angeles (and I am really missing it during these cold winter months)"
```

### 7.5 imageHome

```
displayNumber = 5
nextFact = fact4
imageName = "los-angeles.jpg"
```

## 7.6 fact4

```
displayNumber = 6
nextFact = imageFamily
text = "Back at home I have an older sister a brother in law and two amazing parents"
```

## 7.7 imageFamily

```
displayNumber = 7
nextFact = fact5
imageName = "family-photo.jpg"
```

## 7.8 fact5

```
displayNumber = 8
nextFact = fact6
text = "I am a Combined Computer Science and Design Major; so far I am really enjoying it"
```

## 7.9 fact6

```
displayNumber = 9
nextFact = fact1
text = "Back at home I have 3 dogs and a cat, all whom I love and miss with all my heart"
```

## 7.10 imageDogs

```
displayNumber = 10
nextFact = fact1
imageName = "theboys.jpg"
```

# 8 DRAW()

```
IF the time in seconds is divisible by 5 THEN
    activeFact = activeFact.nextFact();
ELSE
    activeFact.display();
```