Conditional statements

- Conditional statements allow conditional execution

```
int temperature = 90;
if(temperature > 85)
{
    println("It is hot outside");
}
else
{
    println("It is pleasant outside);
}
```

Conditional statements

□ What will be printed on the screen if temperature=70?

```
int temperature = 70;
if(temperature > 85)
{
     println("It is hot outside");
}
else
{
     println("It is pleasant outside);
}
```
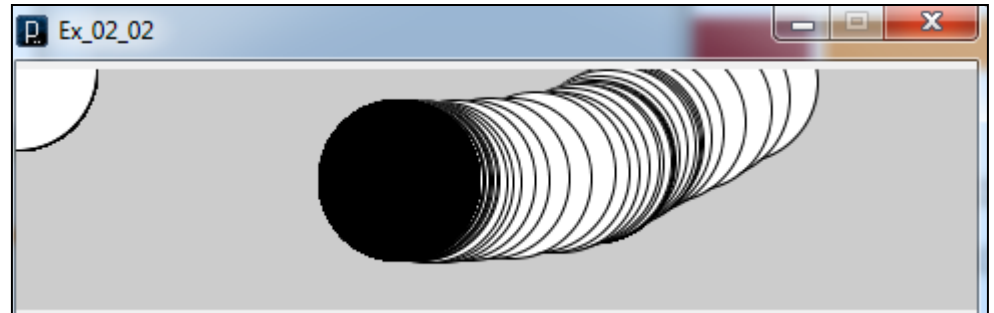
Conditional statements

☐ Can we add more conditions? Sure!

```
int temperature = 70;
if (temperature > 85)
 {
   println("It is hot outside");
 }
 else if(temperature < 50)
 {
   println("It is cold outside");
 }
 else  // Only when the variable temperature is >50 and <85
 {
   println("It is pleasant outside");
 }
```

Conditional Statement example

```
void setup() {
  size(480, 120);
  smooth();
}

void draw() {
  if (mousePressed) {
    fill(0, 0, 0);
  }
  else {
    fill(255, 255, 255);
  }
  ellipse(mouseX, mouseY, 80, 80);
}
```


Example from "Getting Started with Processing Book"