Source: https://www.youtube.com/watch?v=ZNkq81ZZ5nM; updated most of the code manually, this is just the framework for the main code.

```cpp
#include<Servo.h>
int servoPin = 4;
Servo Lever;

int pirPin = 2;
int val =  0;

void setup()  {
pinMode(pirPin, INPUT);
Lever.attach(servoPin);
Lever.write(90);
}

void loop() {
val = digitalRead(pirPin);

if(val == HIGH) {
   Lever.write(0);
}
else{
   Lever.write(120);
}

delay(250);

}
```