Create Multiple Graphs Through Arduino Uno Code

https://www.youtube.com/watch?v=MB0ZJV25-SU&t=7s

```
// Formule:-
// y(t)= A sin(wt+p)
// Where; A = amplitude, W = angular frequency, t = Time, p = Phase angle

int y1=11;
int y2=10;
int y3=9;

void setup() {
 Serial.begin(9600);
 pinMode(y1, OUTPUT);
 pinMode(y2, OUTPUT);
 pinMode(y3, OUTPUT);
}

void loop() {
 // For Different Sine wave Graphs
  for (int t=0; t<360; t++){
  float y1= 1*sin((PI/180*t)+0);
  float y2= 3*sin((2*PI/180*t)+45);
  float y3= 6*sin((5*PI/180*t)+180);

  // For 50Hz Sine wave Graph
  //for (int t=0; t<20; t++){
  //float y1= 3*sin((50*t)+0);

  // See Multiple Grapg Output on Pins
  pinMode(11, OUTPUT);
  pinMode(10, OUTPUT);
  pinMode(9, OUTPUT);

  // See Multiple Grapg on Serial Plotter
  Serial.print(y1);
  Serial.print(" ");
  Serial.print(y2);
  Serial.print(" ");
  Serial.print(y3);
  Serial.println(" ");
 }
}
//End code
```