



→CODE:-

//DISPLAYING ANALOG SINE WAVE USING SERIAL PLOTTER IN ARDUINO UNO

```
void setup() {
  Serial.begin(9600); // starting serial communication
}
int i=0;
int j=0;
float sine_wave, cosine_wave;
void loop() {

  cosine_wave=cos((3.1415*(float)j)/180);
  j++;
  Serial.print("cosine:"); //LEGEND
  Serial.println(cosine_wave);
  sine_wave=sin((3.1415*(float)i)/180);
  i++;
  Serial.print(",");
  Serial.print("sine:"); //LEGEND
  Serial.println(sine_wave);
  delay(10);
}
```