

My code:

```
#include<stdio.h>
#include<math.h>
#define PI 3.1416

int main(){
    int a=0, n=100;
    double x = a, h, b= 2*PI;
    h = (b-a)/n;
    printf("\"x\", \"sin(x)\"\n");
    for(int i=0; i<n; i++){
        printf("%lf, %lf\n", x, sin(x));
        x +=h;
    }
    x = b;
    printf("%lf, %lf\n", x, sin(x));
}
```

Output:

```
"x", "sin(x)"
0.000000, 0.000000
0.062832, 0.062791
0.125664, 0.125334
0.188496, 0.187382
0.251328, 0.248690
0.314160, 0.309018
0.376992, 0.368125
0.439824, 0.425780
0.502656, 0.481755
0.565488, 0.535828
0.628320, 0.587786
0.691152, 0.637425
0.753984, 0.684548
0.816816, 0.728970
.....
.....
.....
.....
5.466384, -0.728960
5.529216, -0.684538
5.592048, -0.637414
5.654880, -0.587775
5.717712, -0.535816
5.780544, -0.481742
5.843376, -0.425767
5.906208, -0.368112
5.969040, -0.309004
6.031872, -0.248676
```

6.094704, -0.187367
6.157536, -0.125319
6.220368, -0.062776
6.283200, 0.000015

Graph:

