***from* random *import* random**

***from* time *import* perf\_counter**

**DARTS = 1000\*1000**

**hits = 0.0**

**start = perf\_counter()**

***for i in range(1*, DARTS+1):**

**x, y = random(), random()**

**dist= pow(x \*\* 2 + y \*\* 2, 0.5)**

***if* dist<= 1.0:**

**hits = hits + 1**

**pi = 4 \* (hits/DARTS)**

**print("**圆周率值是: {}**".format(pi))**

**print("**运行时间是: {:.5f}s**".format(perf\_counter()-start))**