1. ****Python Program for Check if count of divisors is even or odd.****

**import math**

**def countDivisors(n) :**

**count = 0**

**for i in range(1, (int)(math.sqrt(n)) + 2) :**

**if (n % i == 0) :**

**if( n // i == i) :**

**count = count + 1**

**else :**

**count = count + 2**

**if (count % 2 == 0) :**

**print("Even")**

**else :**

**print("Odd")**

**print("The count of divisor: ")**

**countDivisors(10)**

****OUTPUT****

