

```
1  from random import randint
2
3  a = 1
4  b = 2
5  c = 3
6  d = 4
7  e = 5
8  f = 6
9
10 x = (a**d) + (b**e)
11 y = c**f
12
13 aL = [1]
14 bL = [1]
15 cL = [1]
16 dL = [1]
17 eL = [1]
18 fL = [1]
19
20 while x != y:
21     a = randint(1, 100)
22     #while b % a == 0 or a % b == 0:
23     b = randint(1, 100)
24     #while c % a == 0 or c % b == 0 or b % c == 0 or c % b == 0:
25     c = randint(1, 100)
26     d = randint(3, 100)
27     e = randint(3, 100)
28     f = randint(3, 100)
29     x = (a**d) + (b**e)
30     y = c**f
31     aL[0] = a
32     bL[0] = b
33     cL[0] = c
34     dL[0] = d
35     eL[0] = e
36     fL[0] = f
37
38 print(a)
39 print(b)
40 print(c)
41 print(d)
42 print(e)
43 print(f)
44
45
46
47 '''
48 a = 0
49
50 for i in range(100000000):
51     if i % 2 == 0:
```

```
52     a = a + 1
53
54     print(a)
55
56     '''
57
```