Apriori Analysis

Determination of order of magnitude of a statement.

(How many times a statement repeats itself)

Example 1)

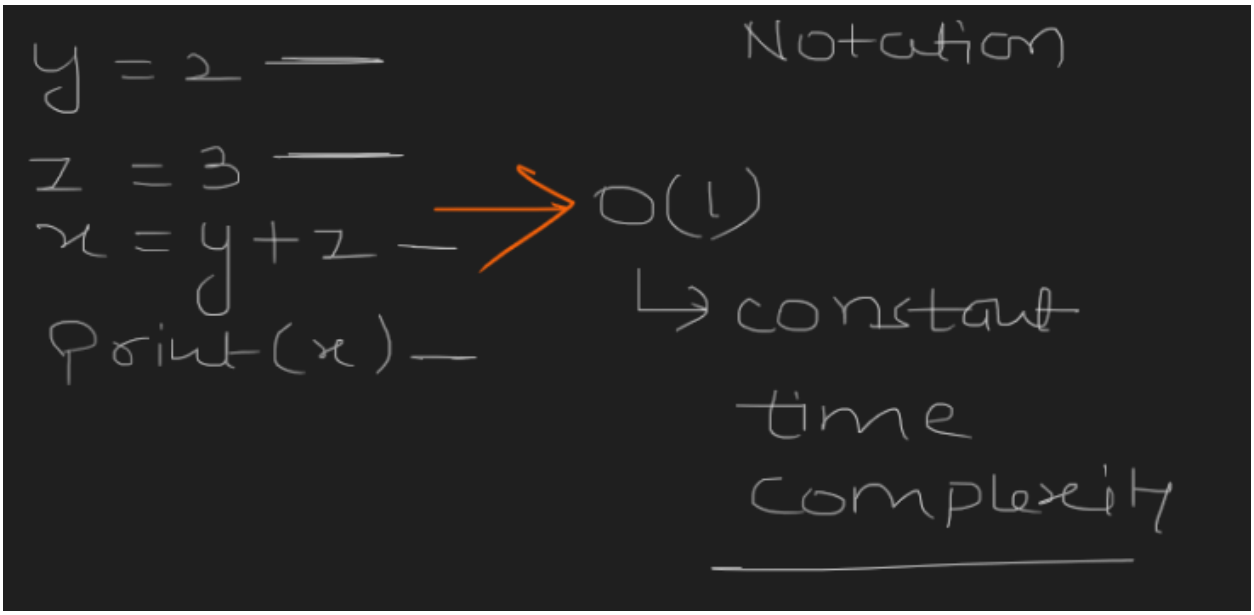
```
for i in range(n):
  print(i)
```

For loop repeats n-1 times

print statement repeats itself for n times

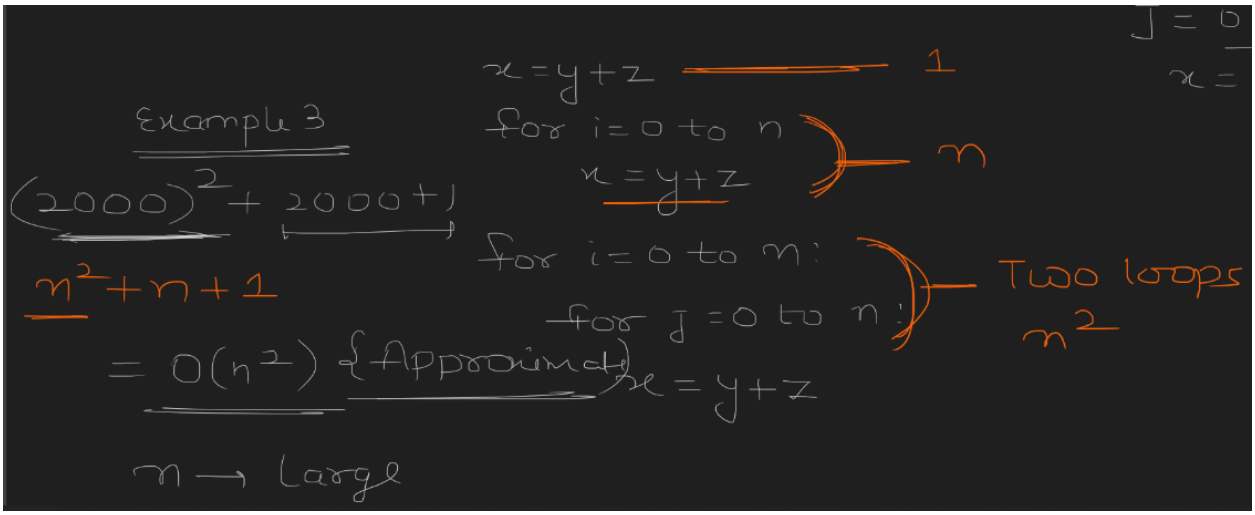
Thus, time complexity is O(n)

Example 2)



Thus, time complexity is O(1)

Example 3)



Thus, time complexity is O(n^2)