What is time complexity of following code :

```
count = 0
I = N
While (i > 0):
        J = 0
        While (j < i ) :
                count += 1;
                j = j + 1
        I = i // 2
```

Options :

A) O(N) * O(logN)

B) O(N ^ 2)

C) O(N)

D) None