

Tell time complexity of all the problems:  
(ignore syntax errors, if any)

Q - 1 )Below are nested “K” for loops  
(3 marks)

```
n= int(input("Enter the limit"))
for i in range(n):
    for j in range(n):
        for l in range(n):
            ...
            ...
            ...
            K for loops in total
            ...
            ...
            ...
            for z in range(n):
                print("Time complexity")
```

Answer:-  
 $O(n^4 * \text{total})$