# Repeating DNA



Write a function called **get\_repeating\_DNA** that receives a string (**DNA sequence** containing the letters **"A"**, **"G"**, **"C"** and **"T"**) and finds all the subsequences with **length of 10** which **repeat more than once**. The repeating sequences may **overlap** (so in **"AAAAAAAAAAA"** there is a repeating sequence - **'AAAAAAAAAA'**, because the **first 10 "A"** and the **last 10 "A"** count as **different sequences**)

***Note: Submit only the function in the judge system***

### Input

* There will be **no input**, just parameters passed to your function

### Output

* There is **no expected** output
* The function should **return a list** of the **repeating subsequences**

### Examples

|  |  |
| --- | --- |
| **Test Code** | **Output** |
| test = "AAAAAACCCCAAAAAACCCCTTCAAAATCTTTCAAAATCT"  result = get\_repeating\_DNA(test)  print(result) | ['AAAAAACCCC', 'TTCAAAATCT'] |
| test = "TTCCTTAAGGCCGACTTCCAAGGTTCGATC"  result = get\_repeating\_DNA(test)  print(result) | [] |
| test = "AAAAAAAAAAA"  result = get\_repeating\_DNA(test)  print(result) | ['AAAAAAAAAA'] |

*I made a DNA joke in my biology class but no one laughed.*

*Guess my thymine was off....*