

Exercise

- The goal of the exercise is to implement concurrent algorithm using Futures
- In the algorithm we will be looking for repeating sequences in a long string (just to have an algorithm a bit busy):
- To generate that string we can use Random engine as shown in example code
- The “psearch” is a function to write. It should:
 - Split the input vector into N parts (say 10) using grouped collections function
 - For each part create future searching for occurrence of a subsequence
 - With the “Future.sequence” method make another future object waiting for results of all these worker futures
 - Return that Future so the client code can program the handler for the result as in the example code

```
val x = Random.alphanumeric
val rstr = (x take 100).toVector

val found = psearch( rstr, 'x')
found onSuccess {
  case f => println("found " + f )
}
```