Given a string, find the length of the longest substring without repeating characters.

Here is an example solution in Python language. (Any language is OK to use in an interview, though we'd recommend Python as a generalist language utilized by companies like Google, Facebook, Netflix, Dropbox, Pinterest, Uber, etc.,)

```python
class Solution:
  def lengthOfLongestSubstring(self, s):
    # Fill this in.

print Solution().lengthOfLongestSubstring('abrkaabcdefghijjxxx')
# 10
```

Can you find a solution in linear time?