数据分析工具实践第一次作业

```
In [3]:  1  def find_len(str_arr, point):
         2      end = point+1
         3      start = point
         4      max_len = 0
         5      while start>=0 and end<=len(str_arr)-1:
         6          if str_arr[start] == str_arr[end]:
         7              start -=1
         8              end +=1
         9              max_len +=2
        10          else:
        11              return max_len
        12      return max_len
        13
        14  if __name__ == '__main__':
        15      str_ = input("Input string:")
        16      str_arr = list(str_)
        17      sum_ = len(str_arr)
        18      lens = []
        19      for x in range(sum_-1):
        20          lens.append(find_len(str_arr, x))
        21      print(max(lens))

        Input string:google
        4
```

```
In [ ]:  1
```

```
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    end = point+1
    start = point
    max_len = 0
    while start>=0 and end<=len(str_arr)-1:
        if str_arr[start] == str_arr[end]:
            start -=1
            end +=1
            max_len +=2
        else:
            return max_len
    return max_len

if __name__ == '__main__':
    str_ = input("Input string:")
    str_arr = list(str_)
    sum_ = len(str_arr)
    lens = []
    for x in range(sum_-1):
        lens.append(find_len(str_arr, x))
    print(max(lens))
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