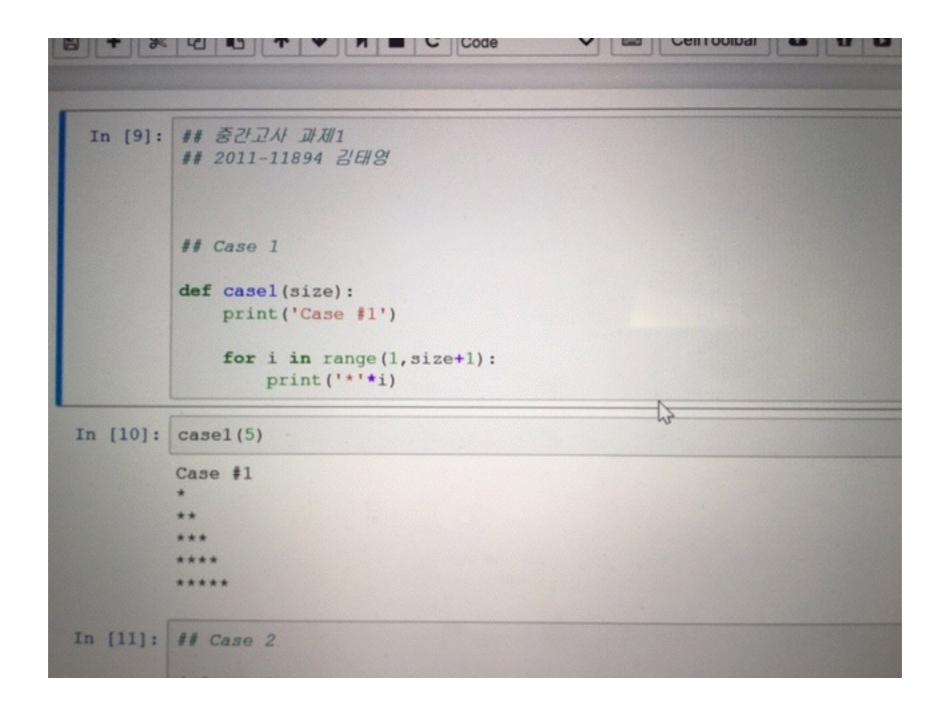
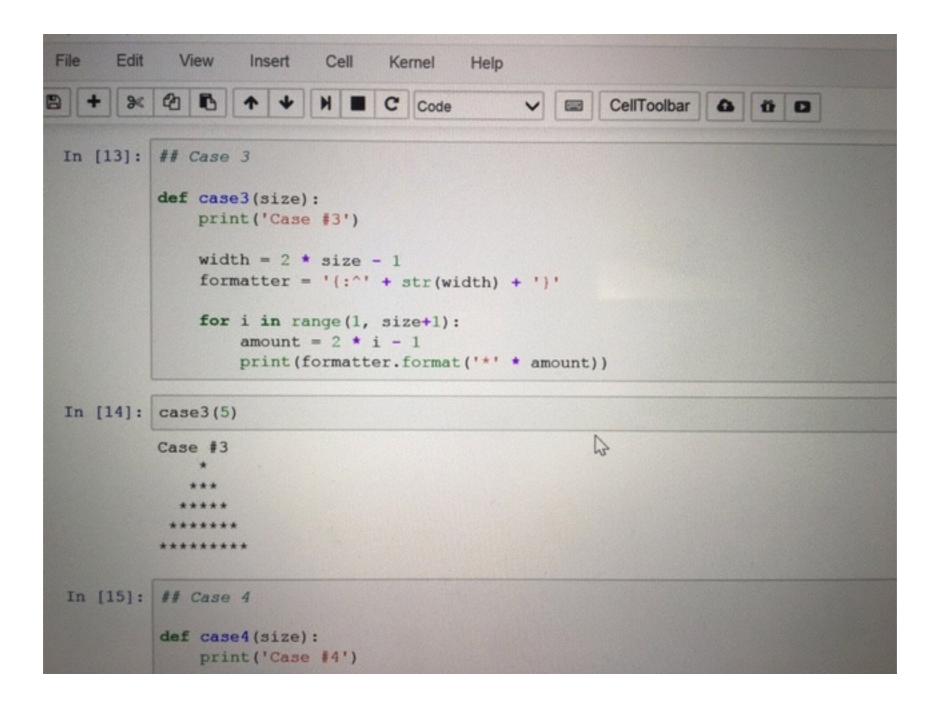
중간과제

2011-11894 김태영

중간과제 #1

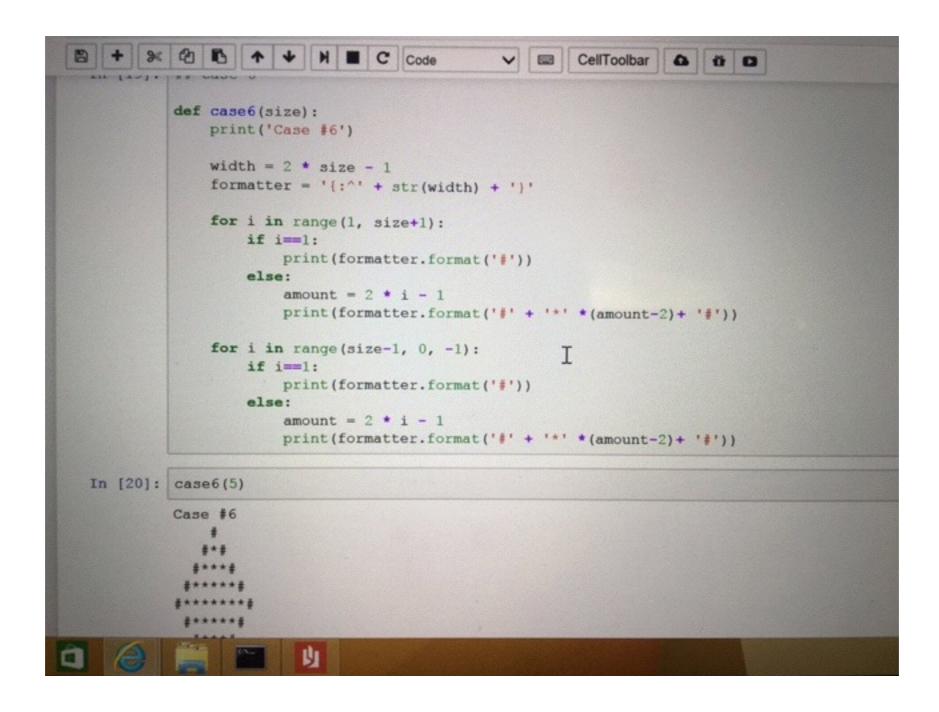


```
In [11]: ## Case 2
         def case2(size):
             print('Case #2')
             for i in range (1, size+1):
                 print(' '*(size-i),'*'*i)
                                                     D
In [12]: case2(5)
         Case #2
In [13]: ## Case 3
         def case3(size):
             print('Case #3')
```

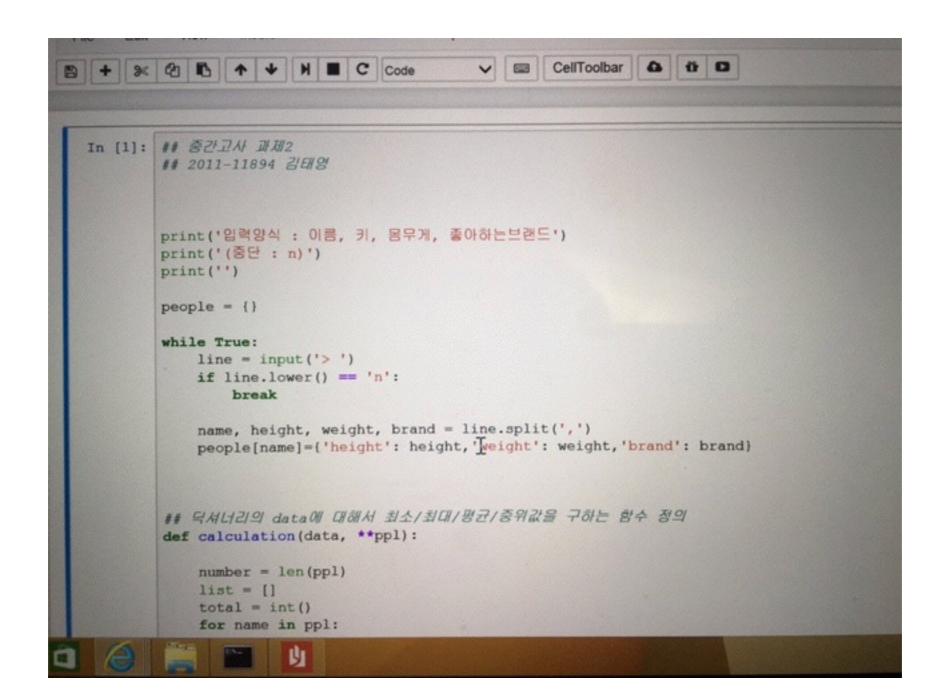


```
CellToolbar 🙃 📅 🖸
In [15]: ## Case 4
         def case4(size):
             print ('Case #4')
             width = 2 * size - 1
             formatter = '{:^' + str(width) + '}'
             for i in range (size, 0, -1):
                 amount = 2 * i - 1
                print(formatter.format('*' * amount),)
In [16]: case4(5)
         Case #4
In [17]: ## Case 5
```

```
In [17]: ## Case 5
         def case5 (size):
             print('Case #5')
             width = 2 * size - 1
             formatter = '{:^' + str(width) + '}'
             for i in range (1, size+1):
                  amount = 2 * i - 1
                  print(formatter.format('*' * amount))
             for i in range (size-1, 0, -1):
                  amount = 2 * i - 1
                  print(formatter.format('*' * amount))
In [18]: case5(5)
          Case #5
```



중간과제 #2



```
name, height, weight, brand = line.split(',')
   people[name]={'height': height,'weight': weight,'brand': brand}
## 덕셔너리의 data에 대해서 최소/최대/평균/중위값을 구하는 함수 정의
def calculation(data, **ppl):
   number = len(ppl)
   list = []
   total = int()
   for name in ppl:
       list.append(ppl[name][data])
       total += int(ppl[name][data])
   list.sort()
   print('최소값?', list[0])
   print('최대값?', list[number-1])
   print('평균값?', total/number)
    if number % 2 == 1:
       print ('중위값?', list[int(number/2)])
   else:
       middle=0
       middle= int(list[int(number/2)])+int(list[int(number/2-1)])
       print('증위값?', middle/2)
    return None
```

##함수를 이용하여 사람들 키의 최소/최대/평균/중위값 출력

