

1) Write an interface for a function that finds the sum of squares of the first n positive integers, i.e. $1^2+2^2+3^2+\dots+n^2$. The user/client will input/provide the value on n .

Answer:

```
def sumOfSquares(n):  
    """ finds the sum of squares of the first  $n$  positive integer values  
  
    pre:  $n$  in integer > 0  
    post: returns the sum of squares of the first  $n$  positive integer values"""
```

2) Recall our example of simple statistics program. Give the interface and the specification (with pre- and post-conditions) for each of the subtasks.

Answer:

See page 15 in the book