CIS*2500 A4 – Input/Output Example for a4q1a_int

The commands in integer.input are:

```
p   3.58    34
p   2.14    47
p   3.27    34
a   2.23    55
a   2.39    32
p   3.29    47
print_all
print_sort
size
p   3.29    47
print_all
rem_first
print_all
p   2.24    42
p   2.6     51
a   3.12     2
a   4.4      4
a   3.01    24
a   2.1     36
print_all
rem_small
rem_large
rem_small
print_all
```

The output printed to stdout after running these commands is:

```
p:          3.58  34
p:          2.14  47
p:          3.27  34
a:          2.23  55
a:          2.39  32
p:          3.29  47
print_all:  Insertion Order
     3.29  47
     3.27  34
     2.14  47
     3.58  34
     2.23  55
     2.39  32
print_sort: Key Sort Order
     2.14  47
     2.23  55
     2.39  32
     3.27  34
     3.29  47
     3.58  34
size:       List size = 6
p:          3.29  47
print_all:  Insertion Order
     3.29  47
     3.29  47
     3.27  34
     2.14  47
     3.58  34
     2.23  55
     2.39  32
rem_first:  3.29  47
print_all:  Insertion Order
     3.29  47
     3.27  34
     2.14  47
     3.58  34
     2.23  55
     2.39  32
p:          2.24  42
p:          2.6   51
a:          3.12  2
a:          4.4   4
a:          3.01  24
a:          2.1   36
```

```
print_all:  Insertion Order
     2.6   51
     2.24  42
     3.29  47
     3.27  34
     2.14  47
     3.58  34
     2.23  55
     2.39  32
     3.12  2
     4.4   4
     3.01  24
     2.1   36
rem_small:  2.1   36
rem_large:  4.4   4
rem_small:  2.14  47
print_all
     2.6   51
     2.24  42
     3.29  47
     3.27  34
     3.58  34
     2.23  55
     2.39  32
     3.12  2
     3.01  24
```