```
vBottle1 is 4 @ 120.0C
vBottle2 to Kalvin is 3 @ 323.15K
Vacuum Bottle vBottle1 has 100 @ 100.0C
Vacuum Bottle vBottle3 has 100 @ 212.0F
These two Vacuum Bottles are equal
vBottle1 is 100 @ 100.0C
vBottle2 is 3 @ 50.0C
sum of vBottle1 plus vBottle2 is 103 @ 150.0C
vBottle1 is 100 @ 100.0C
vBottle2 is 3 @ 50.0C
vBottle1 minus vBottle2 is 97 @ 50.0C
vBottle1 is 100 @ 100.0C
vBottle2 is 3 @ 50.0C
vBottle1 times vBottle2 is 300 @ 5000.0C
vBottle1 is 100 @ 100.0C
vBottle1 divided by 5 is 20 @ 20.0C
The program will now create 3 arrays
of random sizes and prompt for values.
Read the first array.
This array has 2 elements.
enter VacuumBottle 1
please enter a Vacuum jar in this form 10 @ 45 C
5 @ 50 c
enter VacuumBottle 2
please enter a Vacuum jar in this form 10 @ 45 C
10 @ 100 c
the array of Fraction is
5 @ 50.0C
10 @ 100.0C
The VacuumBottles in the first array are:
5 @ 50.0C, 10 @ 100.0C
The average of VacuumBottle array one is 7 @ 75.0C
Read the second array.
This array has 4 elements.
enter VacuumBottle 1
please enter a Vacuum jar in this form 10 @ 45 C
20 @ 212 f
enter VacuumBottle 2
please enter a Vacuum jar in this form 10 @ 45 C
30 @ 32 f
enter VacuumBottle 3
please enter a Vacuum jar in this form 10 @ 45 C
40 @ 50 c
enter VacuumBottle 4
please enter a Vacuum jar in this form 10 @ 45 C
50 @ 122 f
the array of Fraction is
20 @ 212.0F
30 @ 32.0F
40 @ 50.0C
50 @ 122.0F
The VacuumBottles in the second array are:
20 @ 212.0F, 30 @ 32.0F, 40 @ 50.0C, 50 @ 122.0F
The average of VacuumBottle array two is 35 @ 122.0F
Read the third array.
This array has 3 elements.
enter VacuumBottle 1
```

```
please enter a Vacuum jar in this form 10 @ 45 C
90 @ 0 c
enter VacuumBottle 2
please enter a Vacuum jar in this form 10 @ 45 C
10 @ 100 c
enter VacuumBottle 3
please enter a Vacuum jar in this form 10 @ 45 C
50 @ 122 f
the array of Fraction is
90 @ 0.0C
10 @ 100.0C
50 @ 122.0F
The VacuumBottles in the third array are:
90 @ 0.0C, 10 @ 100.0C, 50 @ 122.0F
The average of VacuumBottle array three is 50 @ 50.0C
The three arrays are
5 @ 50.0C, 10 @ 100.0C
20 @ 212.0F, 30 @ 32.0F, 40 @ 50.0C, 50 @ 122.0F
90 @ 0.0C, 10 @ 100.0C, 50 @ 122.0F

An array with the largest bottle values taken from the
3 arrays has 4 elements.
90 @ 0.0C, 30 @ 32.0F, 50 @ 122.0F, 50 @ 122.0F
```