

## Parallel Arrays

The following arrays represent the data from a dog show. Notice that the arrays do not all contain the same "type" of data. It is often necessary to represent data in a "table" form, as shown below. Such data, can be stored using **parallel arrays**. Parallel arrays are several arrays with the **same number of elements** that work in tandem to organize data.

dogname

Wally	Skeeter	Corky	Jessie	Sadie
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round1

18	22	12	17	15
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round2

20	25	16	18	17
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**In parallel arrays, each array may be of a different data type.**

In the data represented above, the first array is the dog's name.

The second array is the dog's score in round 1 of the competition.

The third array is the dog's score in round 2 of the competition.

The arrays are parallel, in that the dog in the first element of the first array has the scores represented in the first elements of the second and third arrays.

**//Printing the dog competition information:**

```
for(int index = 0; index < dogname.length; index++)
{
    System.out.println(dogname[index]);
    System.out.println(round1[index]);
    System.out.println(round2[index]);
}
```