

## Evidence for Implementation and Testing Unit.

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### I.T 4 - Example of sorting

```
3   fruits = ["banana", "orange", "mango", "strawberry", "apple"]
4
5   def sort_fruits(array)
6     array.sort
7   end
8
9   print sort_fruits(fruits)
```

```
[→ PDA ruby sorting.rb
["apple", "banana", "mango", "orange", "strawberry"]%
→ PDA █
```

### I.T 5 - Example of an array, a function that uses an array and the result

```
1   fruits = ["banana", "orange", "mango", "strawberry", "apple"]
2
3   def count_fruits(array)
4     number_of_fruits = 0;
5
6     for fruit in array
7       number_of_fruits += 1
8     end
9
10    return number_of_fruits.to_s + " fruits in the array"
11  end
12
13  puts count_fruits(fruits)
14
```

```
[→ PDA ruby array.rb
5 fruits in the array
→ PDA █
```

### I.T 6 - Example of a hash, a function that uses a hash and the result

```
1 pet1 = {age: 3, name: "fig", sound: "mewoo", cat: true}
2
3 def type_of_pet(petHash)
4   if petHash[:sound] == "mewoo"
5     return "You are a cat, " + petHash[:name] + "!"
6   else
7     return "I don't know who you are"
8   end
9 end
10
11 puts type_of_pet(pet1)
12
```



```
[→ PDA ruby hash.rb
You are a cat, fig!
→ PDA █
```