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Quiz

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QUESTION 8

Find the output of the following program:

Python Code

```
list1 = [1998, 2002]

list2 = [2014, 2016]

print ((list1 + list2)*2)
```

☒ [1998, 2002, 2014, 2016, 1998, 2002, 2014, 2016]

☐ [1998, 2002, 2014, 2016]

☐ [1998, 2002, 1998, 2002]

☐ [2014, 2016, 2014, 2016]

Your submitted response was correct.

Explanation

When the addition(+) operator uses a list as its operands then the two lists will get concatenated. And when a list id multiplied with a constant k>=0 then the same list is appended k times in the original list.

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