**Accumulation**

 Task .

In the program below, the instructions in the rectangle are repeated for every number in the list of numbers:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1234567891011 | numbers = [2, 4, 8, 16]sum = 1

|  |  |
| --- | --- |
| number = numbers[0]sum = sum + number |  |

|  |  |
| --- | --- |
| number = numbers[1]sum = sum + number |  |

|  |  |
| --- | --- |
| number = numbers[2]sum = sum + number |  |

|  |  |
| --- | --- |
| number = numbers[3]sum = sum + number |  |

print(sum) |

**Modify** the program so that a for-loop is used to achieve the same result. The instructions in the rectangle should only appear once in your program.

**Tip**: You can use your development environment to test if your program works.If you execute the program, the output should be 31.

**Take a screenshot of your code and upload to Bourne To Learn for the silver badge**

 Explorer task .

**Modify** the program so that a while-loop is used to achieve the same result. The instructions in the rectangle should only appear once in your program.

**Tip**: You can use your development environment to test if your program works.If you execute the program, the output should be 31.

**Take a screenshot of your code and upload to Bourne To Learn for the silver badge**

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