Exercises 1

- 1. Create a variable named counter and set it equal to 0.
- 2. Create a while loop with the condition counter < 10.
- 3. The loop body should print out "counter is X" (where X is replaced with the value of counter) and then increment counter by 1.

4.

Exercises 2

- 1. Write a for loop starting at 1 and ending with 10 inclusive.
- 2. Use the loop to print only the square of the odd number.

Exercises 3

- 1. Write a function named youAreWonderful, with a string parameter called name. It should return a string using name, and say something like "You're wonderful, Bob."
- 2. Add another int parameter to that function called numberPeople so that the function returns something like "You're wonderful, Bob. 10 people think so."
- 3. Make both inputs named parameters. Make name required and set numberPeople to have a default of 30..

Exercise 4:

Start with the following list of numbers:

const numbers = [1, 2, 4, 7];

Print the square of each number: 1, 4, 16 and 49.

- 1. First, use a for loop.
- 2. Solve the problem again using a for-in loop.

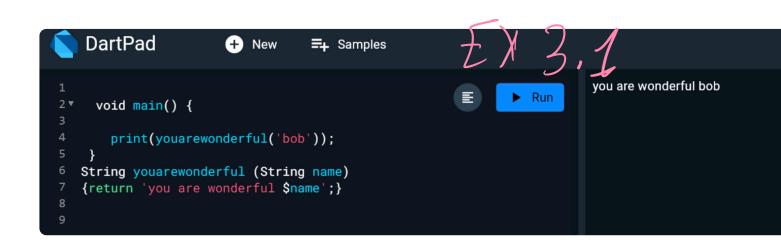
Exercise 5:

Write a code to combine list1 and only the even numbers of list2. Print the out put.

$$list1=[12, 4,5,8,1]$$









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2▼
                                                                         4
     void main() {
                                                                         16
      const numbers=[1,2,4,7];
                                                                         49
       for(int i=0;i<numbers.length;i++)</pre>
6 ▼
        {final item=numbers[i];
                                                                         1
          print(item*item);}
                                                                         4
       print('-----
                                   --');
                                                                         16
        for(final item in numbers)
                                                                         49
10
        {print(item*item);}
11
12
13
```

