

1. What is the return type of each of the following functions?

- a. `input()`
- b. `file.readline()`
- c. `string.split()`

2. What is the output of the following code snippets? If there's an error, write down the output until the error occurs, then error (for loops)

<pre>fruit = ["apple", "banana", "kiwi"] for i in range(len(fruit)): print(i)</pre>	<pre>primes = [2, 3, 5, 7, 11] for val in primes: print(primes[val])</pre>	<pre>data = [[1, 7], [2, 13], [3, 4]] for val in data: if val[1] % 2 == 0: print(val)</pre>
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3. What is the output of the following code snippets? If there's an error, write down the output until the error occurs, then error (conditionals)

<pre>num = 100 if num // 9 > 1 and num > 50: print("moo") else: print("squak")</pre>	<pre>num = 102 if num % 2 == 1 or num // 2 == int(num / 2): num = 10 elif num % 2 == 0: num += 50 print(num)</pre>
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4. What is the output of the following code snippets? If there's an error, write down the output until the error occurs, then error (functions)

<pre>def func(a, b): a = a - b return a - b def main(): func(10, 5) print(answer) main()</pre>	<pre>def func(a): b = a ** 2 return b def main(): a = 3 print(func(a)) a = func(a) print(a) main()</pre>
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5. Write a function that prints every other value in a list passed as a parameter.

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def print_every_other(ls):
```

Write a function call for this function:

6. Write a function that takes a list of ints as a parameter and returns a list of equal length with the value 0 if the corresponding element is even and 1 if the corresponding element is odd.

example:

parameter value: [5, 6, 7, 10, 10, 12, 3]

return value: [1, 0, 1, 0, 0, 0, 1]

```
def make_odd_list(ls):
```

Write a function call for this function: