

def form_num()

Create list (number_types) : ['ulam', 'prime', 'lucky']

generate a num_type, choosing random element from
number_types

print "Please, choose the {num_type} number from the
following: "

return num_type

end

def congrats_output()

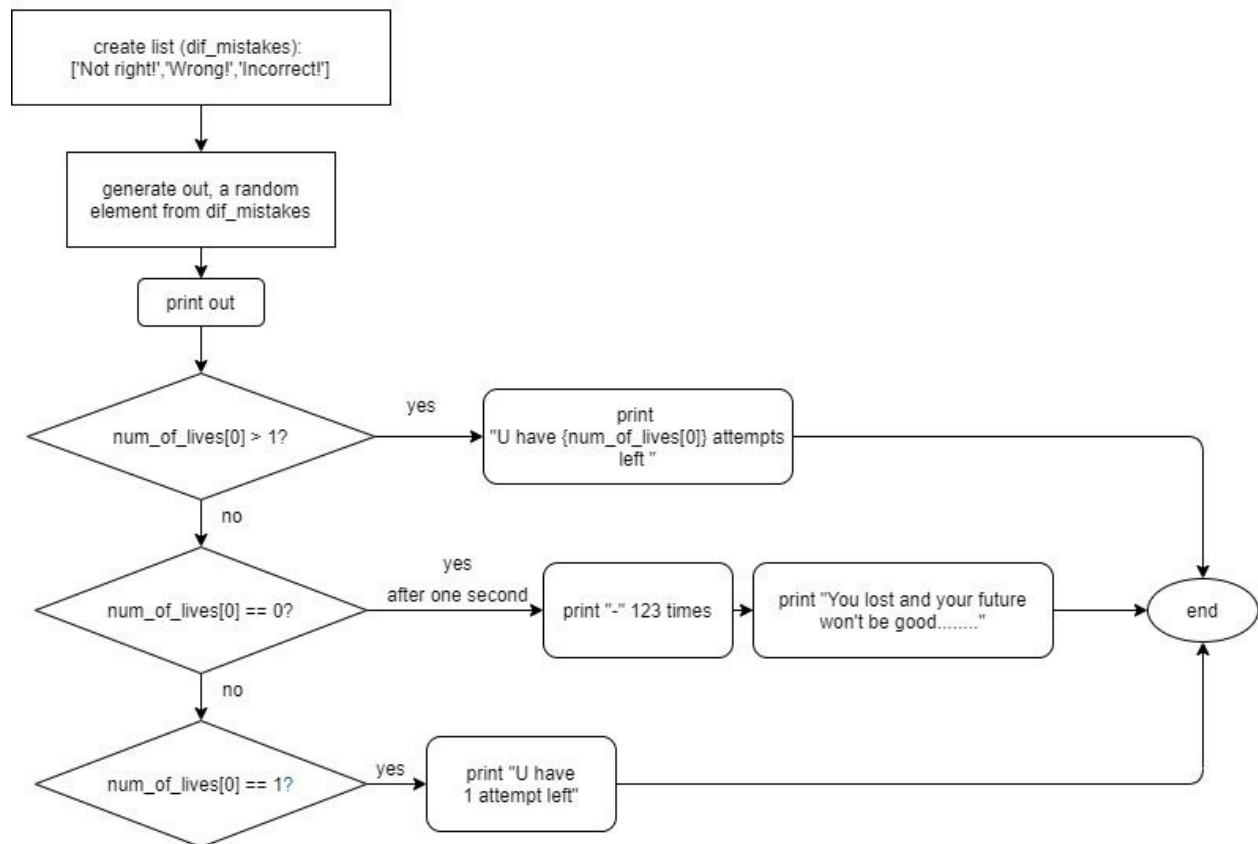
create list (dif_congrats):
['Correct!', 'Exactly!', 'Right!']

generate out, random element
from dif_congrats

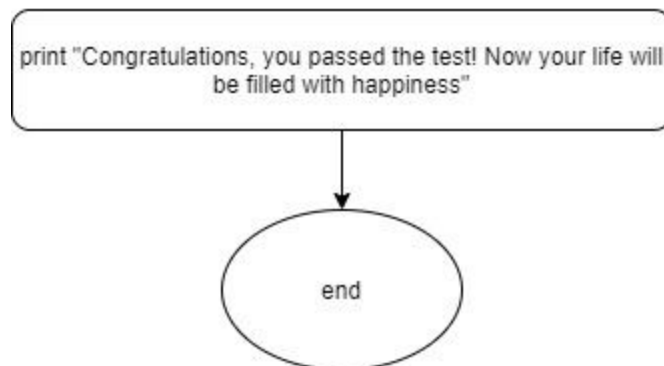
print out

end

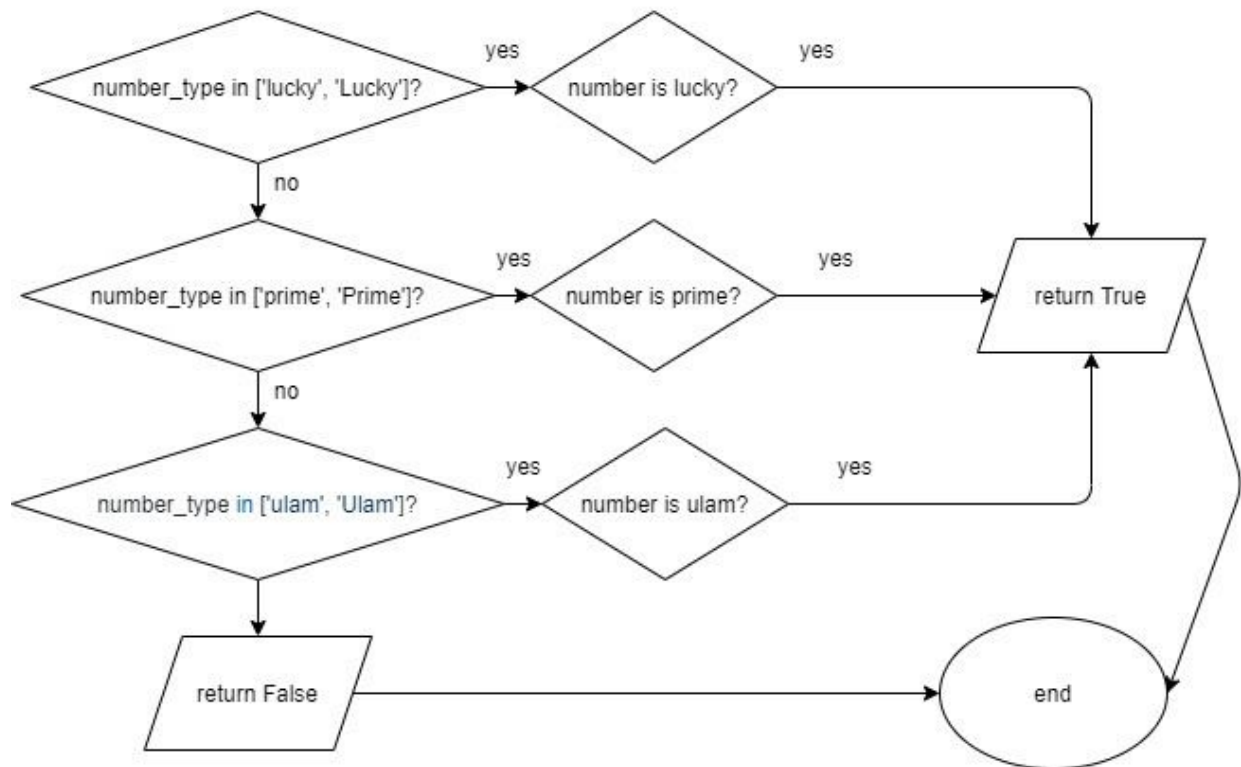
def mistake_output(num_of_lives)



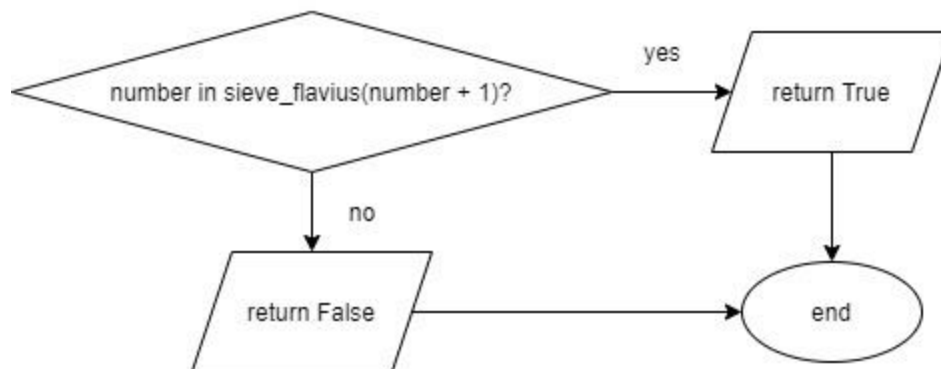
def victory_output(num_of_iterations)



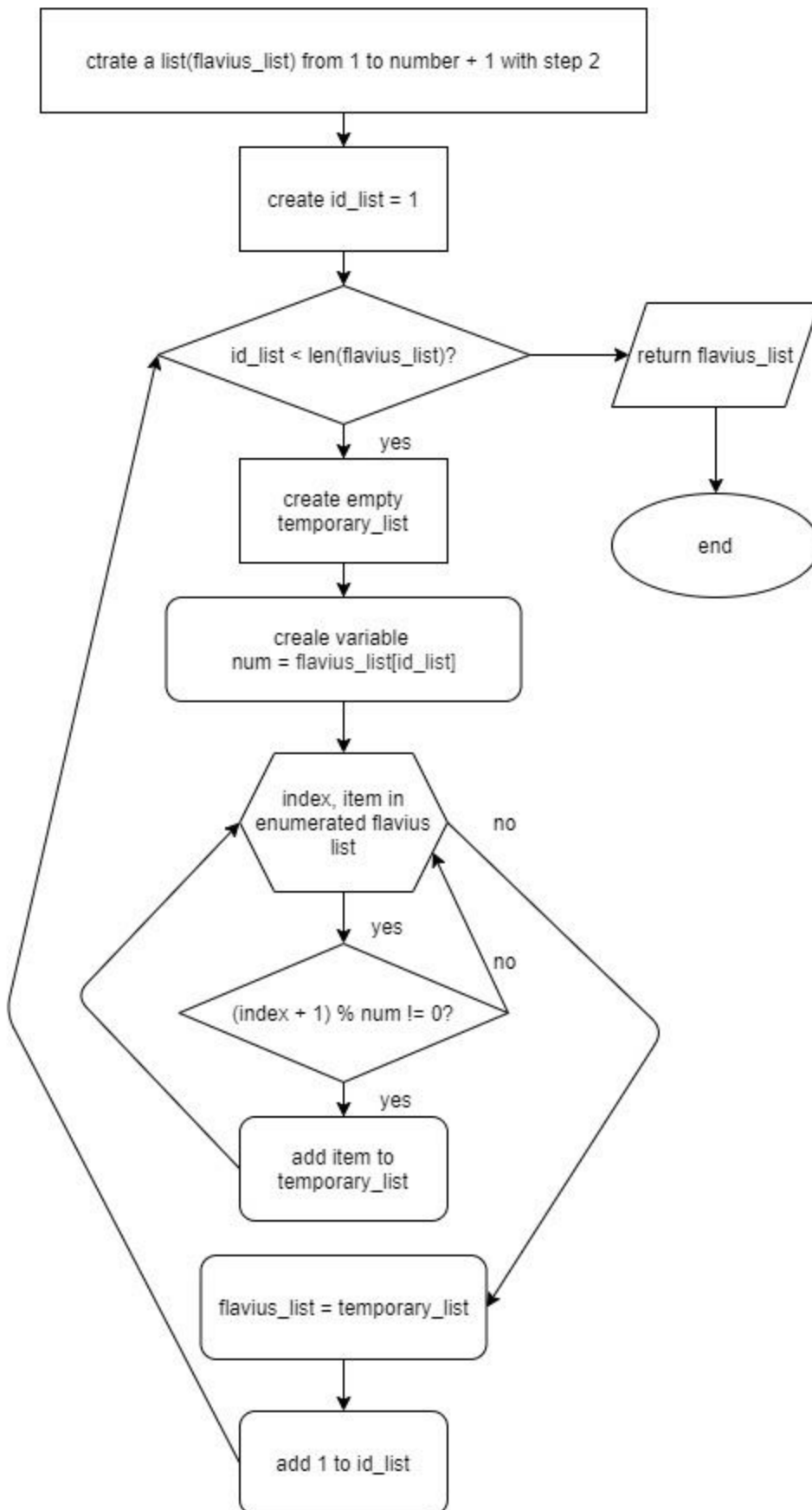
```
def user_number_type(number, number_type)
```



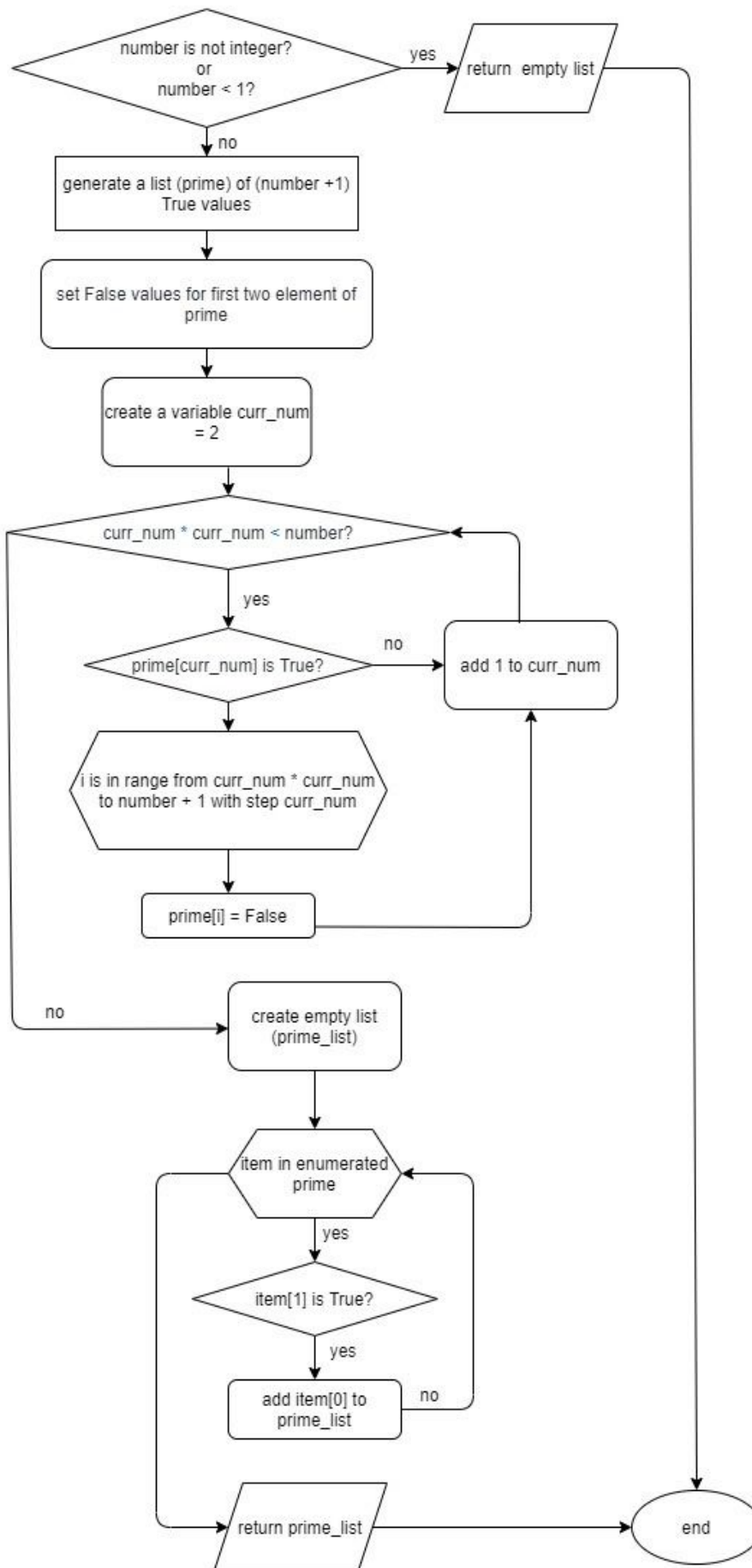
```
def lucky_type(number)
```



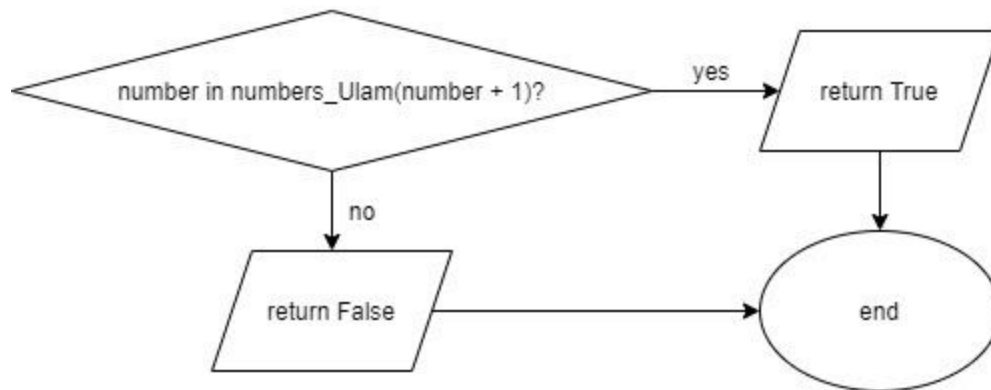
def sieve_flavius(number)



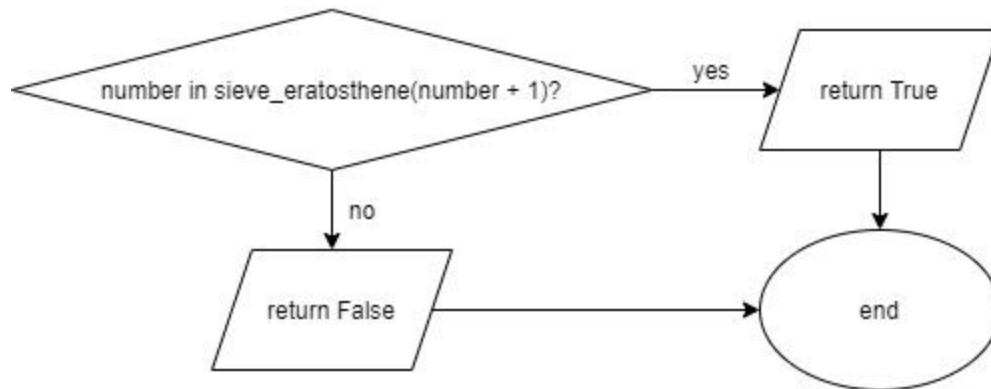
def sieve_eratosthene(number)

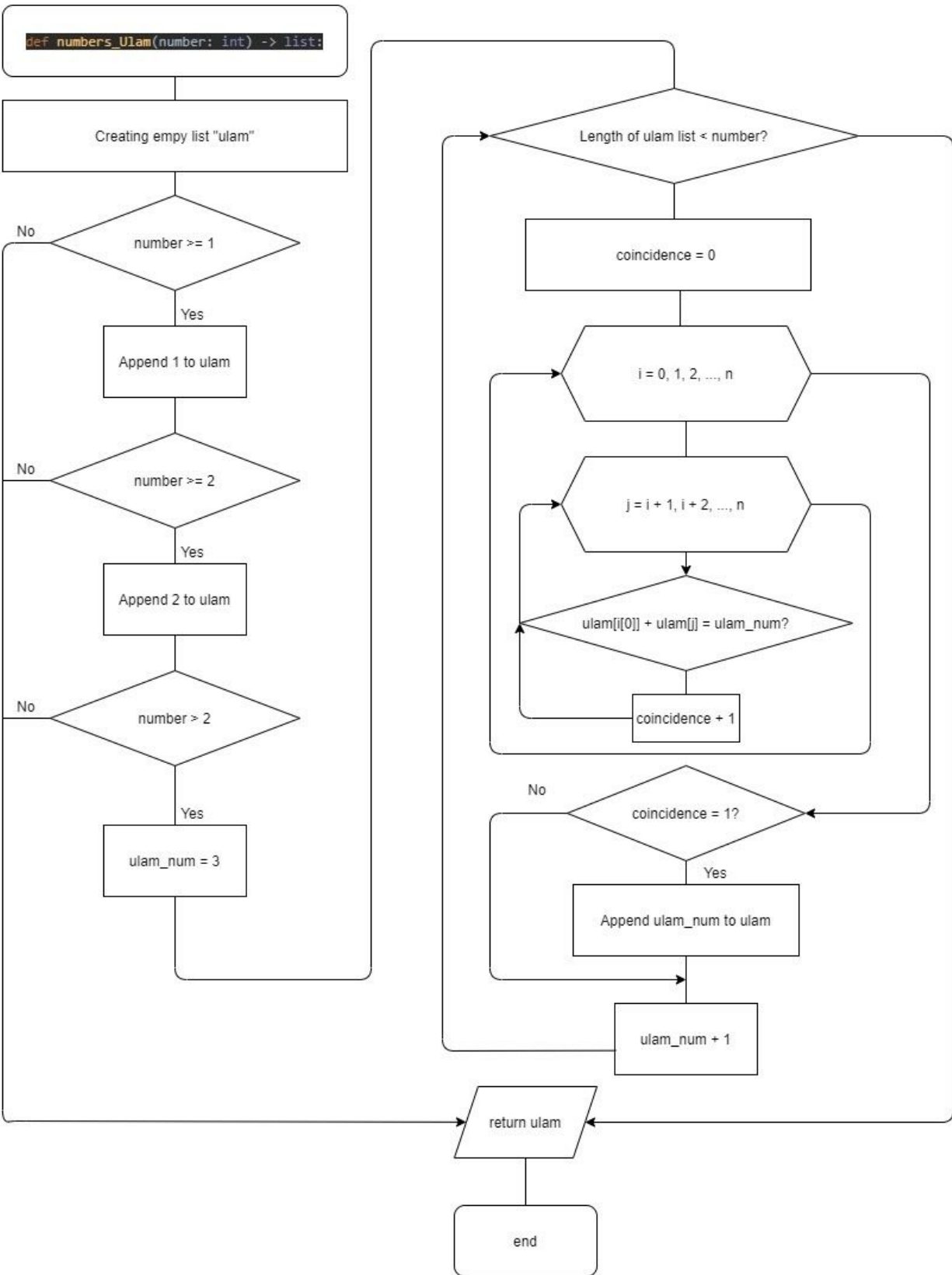


def ulam_number(number)



def prime_number(number: int)





```
def one_iteration(num_of_lives, num_of_iterations)
```

