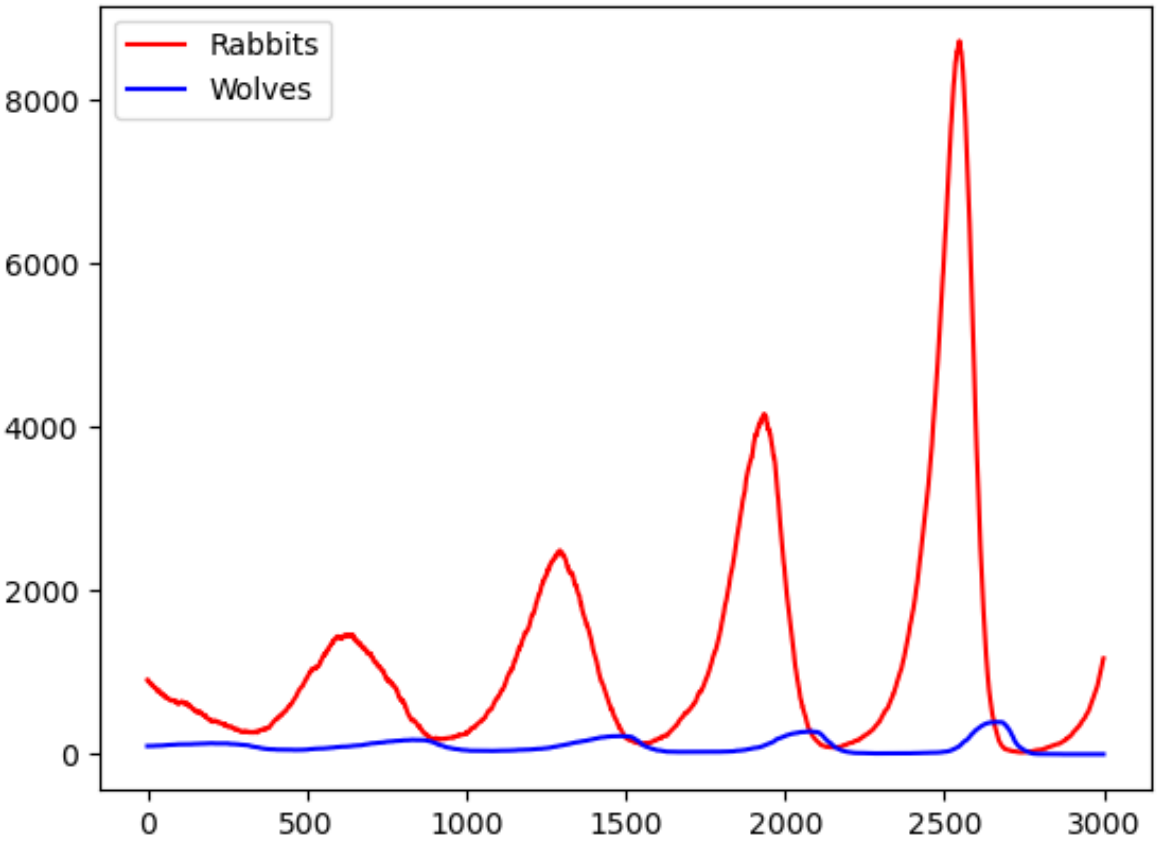
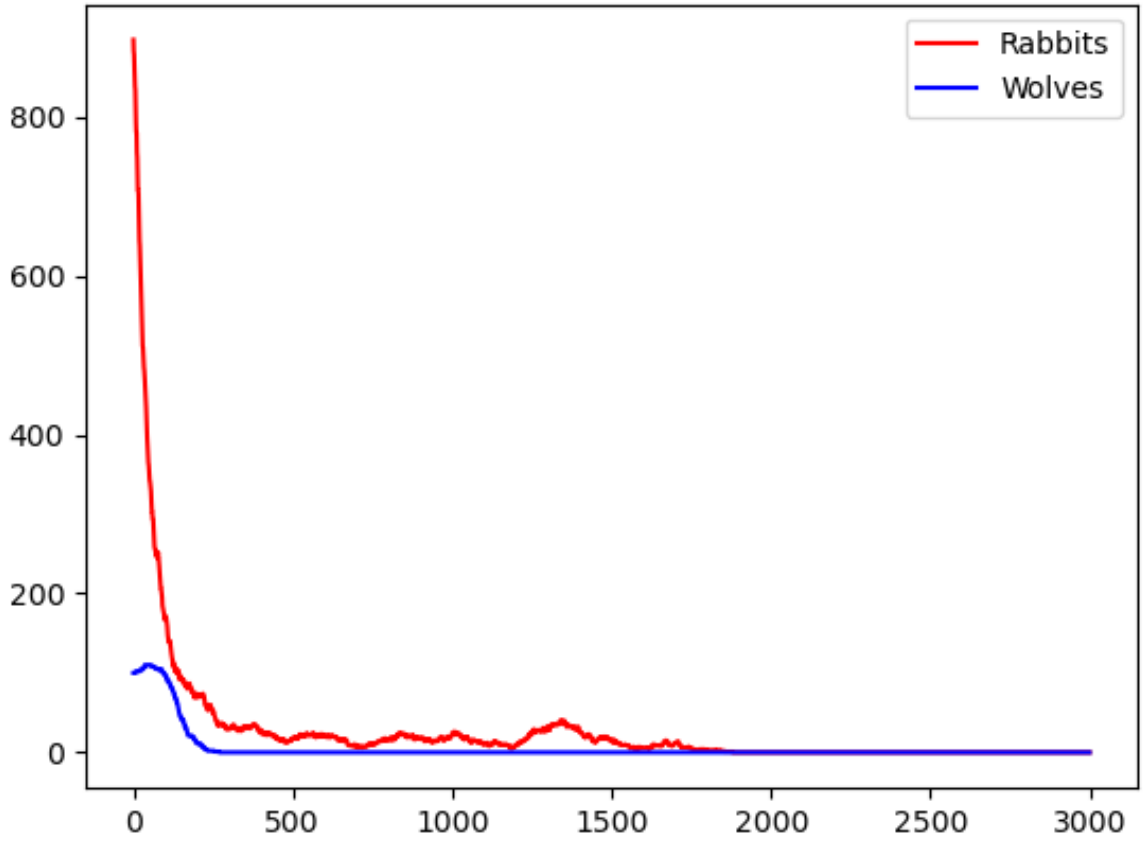
1

The similarities between my simulations and solution of these equations is periodic.



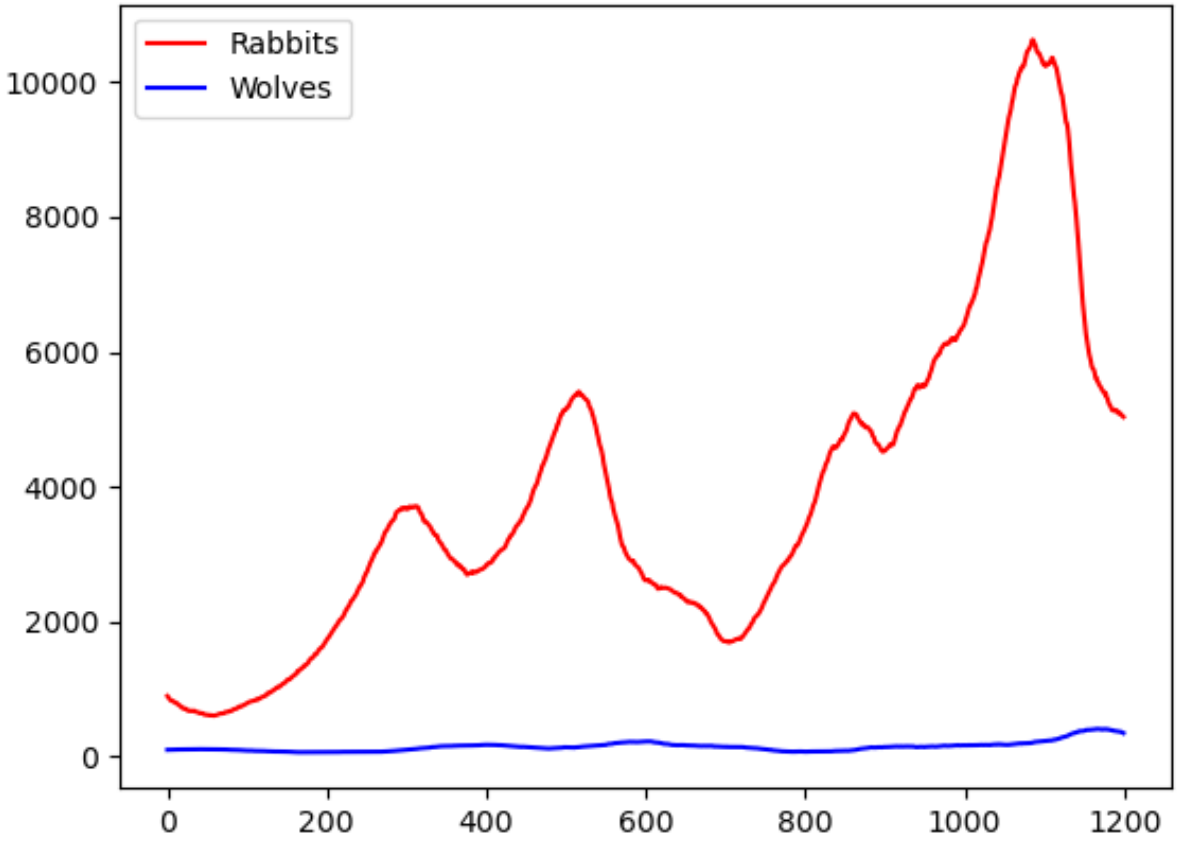
2

The result is all rabbits die, which results in the dying of all wolves. Because rabbits die so quickly that the number of rabbits will not accumulate.



3

It is same with a). It can be a good approximation. The difference here is the upper bound of the num ber of rabbits is higher.


Rabbits
Wolves
10000
8000
6000
4000
2000
0
0
200
400
600
800
1000
1200