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COS 330 - Practical 5

6.2

D determines if program P running D(P) is in fact a virus or not. If it is a virus, it will return **true** and **false** if it is not. However, D is called by CV thus the result yielded by D will determine if the executable will be infected by CV or not. The executable will not be influenced if the result of D determines that CV is not a virus (false), thus CV was not correctly determined as a virus or not by D.

6.3

Modified code does not loose meaning however there are some dead lines of metamorphic code present, meaning some lines will run but do not mean anything.

Theses lines include: 2, 3, 5, 6, 8