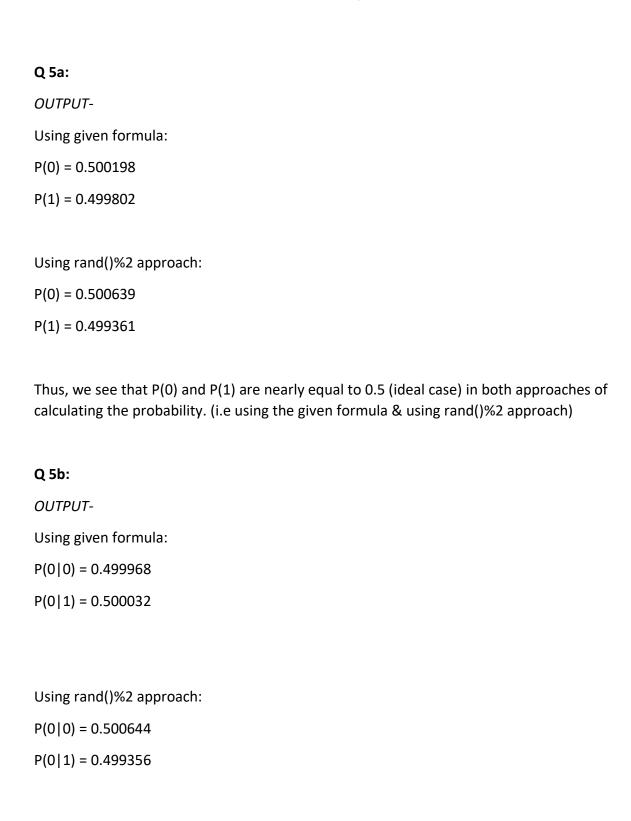
Q5 Report



Here too, $P(xi=0 \mid x(I-1)=0)$ and $P(xi=0 \mid x(I-1)=1)$ are both nearly equal to 0.5 (ideal case) in both formulations.

Q 5c:

Encryption/Decryption is working for any size of a file like png, pdf, txt, mp3, etc. Multi-line files can also be encrypted/decrypted, and the check.sh checker passes all test cases.

However, execution time is too high for files of 1GB or more.