Quê7 2.17
Q:1A]
* Double DES - USe 2 DES encry AS on each block C = Ex2(Ex,(P)) P-> [Ex] - C
* Triffe DES > USe 2 Keys with E-O-E setuence L+ C= EK, (DK2 (FK, (P))) P-> [FK] + DK2 + [FK]+C
* Triple DES is more secure, as double DES is vulnerable to te "meet-in-He-middle" attack, since 2 = Ex.(P) = Dx2(C).
Moreover, it Can be reduced to a single stale DES whice's very vulnerable!
Q:16 220 ency/sec, Key Size = 40 bits G: ASSume some Rate for the decy/Ption! -> 19.008 x10 thre Rel => 2 /19.008 x10 \size = 40 bits \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size = 40 bits \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size = 40 bits \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size = 40 bits \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10 \size decy/day \size ASSume Some Rate for the decy/Ption! -> 19.008 x10
* Bruteforce attack would be Fractical if we have much faster CPU of The Key Size is really small, unless that happens, the brute force attack is not Practical at all!

* The a Hack will still be useless!

