Assignment what cubstitution cyclen result when we bee a 1x25 Playfair matrix? A 1x 25 Play fair mation is essentially a single now containing all 25 letters of the alphabet Cencluding I'l. Unlike the traditional . SX5 Playfair eigher, which operates on diagraphs (pau of letter), a 1x25 mateix lache a 20-struck -se, meaning that it behaves more like a simple thift wipher rather man a tranditional Mayface System. One possible sustitution system wing 1x24 matrix could be: on its position in the son Encrypt letter using a modulo-based Shift system Thus, a 1x25 Play fair mater effe Etice reduces to a simple monoapphabetic substitution or thift eigher value than true

Playfair encryption 02) construct a play feux matrix with the key "algorithm" ALGOR heartinet. ITHMB White marries CDEHK (ett) 1, a 1827 17 NPQST as I correction that VWXYZ O3) Construct a Play fori meetrix with the key cryptography. Encrypt this meyar Be the change that you wish to see in the world. CRYPTOGRAPHY in it partition CRYPH. OGIAHB Because Commit dans DEFIK LMMQS VVWXZ the design of the file

Be me change mat you with to selve the arm Message: BE TH EC HA NG ET HATY OU WISH TO SE GKPB DR BH MAKRBHEP DC XF QB CB MK EI NT HE WO RL DX PK SY GI VA CM IV GUPBORBHMAKRBUCP DCXFQBCBMKFUSYGIVAC MIU Of Verig Playfair matrix shown below message: The fulture depends on what you do today THEF UT URED EPENEN DS ON WHAT YO VD'OT ODAY DE JUM PB PL INT DB CO FP AS XT U XG VO OT OD AY A GAZ FARMARA PINGAS TURNER

PK: LM LF OV DEMMPBPLHTOREG FPASXTLIXGPKLMLEOV 05/ ROYAL NEWZD BCFGH IKMPQ STUVX lipher text: KX-JE YU RE BE ZW EN RY TU HE YA IN TT TU OZ KS Y CA JPOB OTEL ZON-XBYS NTGO NEYC UZWR GOSO NEXB MO SO WA FERS OF UTO AR M OUYW RYEB . AA 44 USEDO 00' 80 TH 19 Decrypted jest LIEUTENANT RENNEDY SAFE NATIVE ELEVEN AUVE NEED SMALL BOAT KENNEDY