

Nama: Hudzaifah Al Mutaz Billah

NPM: 140810210050

HASKELL, $K = 20$

$$E(x) = x + K \bmod 26$$

$$E(H) = 7 + 20 \bmod 26 = 1$$

$$E(A) = 0 + 20 \bmod 26 = 20$$

$$E(S) = 18 + 20 \bmod 26 = 12$$

$$E(K) = 10 + 20 \bmod 26 = 4$$

$$E(E) = 4 + 20 \bmod 26 = 24$$

$$E(L) = 11 + 20 \bmod 26 = 5$$

H	1	B
A	20	U
S	12	M
K	4	E
E	24	Y
L	5	F

1 20 12 4 24 5 5 = BUMEYFF

ETURF, $K = 12$

$$D(x) = x - K \bmod 26$$

$$D(E) = 4 - 12 \bmod 26 = 18$$

$$D(T) = 19 - 12 \bmod 26 = 7$$

$$D(U) = 20 - 12 \bmod 26 = 8$$

$$D(R) = 17 - 12 \bmod 26 = 5$$

$$D(F) = 5 - 12 \bmod 26 = 19$$

E	18	S
T	7	H
U	8	I
R	5	F
F	19	T

18 7 8 5 19 = SHIFT