**Substitution Cipher** for letters (case insensitive), Caesar Cipher for digits with key=4, and no cipher for other characters(.,!)

Checking for Caesar failed. Case insensitive frequency analysis gave y->e, m->t. The positions of punctuations and capital letters suggested shifting of letters with respect to spaces, so we brought the "Mew awameyt" in the last line to the front, which fixed all punctuations. Then we looked up the occurrences of t\_e, most common was 'mey' so e->h from the English article ‘the’. Then we looked at 2-letter words like "wa" and "wh", so w->i, a->s, h->n. Then, many English words started to become apparent, like interesting, substitution, password, first etc.

Digits: Suppose shifted by x, then 8=2x so x=4 and 03->69.

OVERALL ANSWER:

Plaintext Space = {a,b,c,d,e,f,g,h,i,l,m,n,o,p,q,r,s,t,u,v,w,y,A,R,S,T,U,4,6,9,(,),(.),(!),blankspace}

Ciphertext Space = {a,b,d,e,f,g,h,i,j,k,m,n,o,p,r,s,t,u,v,w,x,y,A,M,N,P,S,0,3,8,(,),(.),(!),blankspace}

Mapping: (ARSTUabcdefghilmnopqrstuvwy469,.! ) -----> (PSAMNpoiuytrewkjhgfdsamnbvx803,.! )

SUBSTITUTION CIPHER for letters:

Plaintext Space = {a,b,c,d,e,f,g,h,i,l,m,n,o,p,q,r,s,t,u,v,w,y,A,R,S,T,U}

Ciphertext Space = {a,b,d,e,f,g,h,i,j,k,m,n,o,p,r,s,t,u,v,w,x,y,A,M,N,P,S}

Mapping(encryption/p->c): (ARSTUabcdefghilmnopqrstuvwy)->(PSAMNpoiuytrewkjhgfdsamnbvx)

Unmapped letters: {j,k,x,z}->{c,l,q,z}

CAESAR CIPHER for digits: Plaintext Space = {4,6,9} Ciphertext Space = {0,3,8}

Mapping(encryption/p->c): (4,6,9)->(8,0,3) or x->(x+4)%10

Answer Password: **tyRgU69diqq**