```
Name - Ankit sati
                       Poll-14 (1022724)
Seel-5 Playbaile Cipter:
# include < ashio 1/2
                              A THE TENTONS
# irelade < establish >
# include < string. h>
# define STZE 50
 Word to succeedase ( char plain [], wint ps)
   who is
   for (i=0; i < ps; i++)
     to it Coplain [ii] > 64 (le plain [ii] < 91)
           plain [4]+=32:
                            184) 10 p = 1 p | 6 p | 100 p
 int oremale Spaces (chase & plain, who play)
   eint is, court = 0;
  for ( i=0; i<ps; it+)
    at ( plain [ii] ! == (1)
     plan [ count ++ ] = Plan [i];
     plain [count ] = 1/01;
    orderen counts;
   void governtakey Table (chose key [], with Ks, chook key T [5] [5])
  To E with is j, to play = 0, * dicty;
        dicty = (int *) calloc (26, dized (int));
```

in

```
for ( i=0; i < Ks; i++)
 if ( by [i] != 'j')
   didy [ bey [i] - 47 ] = 2;
 dicty ['j'-97]=1;
 j=0;
 for ( k=0: k < ks; k++)
  if (dicty [Koy [K] -97] == 2)
   { didy [ky [k] -97] -= 1;
    KeyT[i][j] = Key [K];
    j++j
    if ( g== 5)
    £ i++;
    y=0;
3 goe (4=0; 4 < 26; 4++)
Feif (dicty [k] ==0)
   E yeyT[i][j] = (char) (K+97);
              which is the first of the first
    at (y==5)
```

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witt;
9=03
void useauch ( char keyt [5][5], chan a, don't, wint asur [7]
 int ing;
 if (a == 1 ;')
                                   TO BE A TIME
 else if ( b==! j')
  4 Elias Telles Contract of the Man
 for (i=0; i<5; i++)
   for (j=0; j<5; j++)
                LEFE D. 18, CE. TE. TORE, AND
     if CANTEIDEGJ == a)
                            3 19 STATE OF
   2 anc [1] = j;
                   Mare Line Ball
     else it (keyT[w][j]==4)
        agu [2] = +;
       aver [3] = 9;
```

just &

```
unt mod 5 ( wint a)
E veturo (1.1.5)
int perspace (chase steels , int play)
 if ( plos 1.2!=0)
 E stort [ ptous +i] = 'Z'j
   ester [ letters ] = 1/0';
                                   Hart San Day
 outur plus;
void em enought (door start); what day T [5] [5], into ps)
E wish is, a [4]
 for (i=0; i<ps; i+=2)
                                FRED IN THE
    search (kyT, storca), storca+1 ], a);
   4 ( [aco] == acz])
    2 osber [i] = KeyT [a [o]] [mod S (a [i]] +1) ];
     uter [i+1] = KyT [a[0]] [ mod 5 (a[3]+1)];
    else if (ac4) = = a (3))
      uster [i] = KeyT [mod 5 [a Co]+1)][a C1]];
     oster [i+1] = KeyT[md5 (a[2]+1) [a[1]];
```

a sur

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else f
 oter Ci) = keyT [a [o] [a [3]];
 Who [at 1] = Kyt [a [2]] [a [4]];
   void enoughtry Playhair Ciptor (char star ), when key ()
   Char ps, ks, keyT [5] [5]
   Ks = ustulen (Key)
   Ks = hemousesapers ( pay, ks);
   talouserase (ky, Ks);
   Ps = whileh (what);
   tabeller case ( Hor, Ps);
   fs = cremove Space (when ps),
   ps = people (vster, ps);
   geronatekey table ( key , ts, KeyT);
   enought. ( when, KeyT, PS);
  det main ()
    don whit [SIZE]; key [SIZE];
    esterpy (3they, "go with the you");
    uperint [ " | sy Took Reains Tock, "30, oster);
    struty ( spey, "key");
    special [ 11 key test M. 1. S \n", key);
    everypt. By Play faire ( when, Key);
     years (" cipture don't is: 4.5", voles)
    orehund)
```

inter