```
Name = Inaam Shaikh
 Com = Brc it 6th sen
 Rollino = 1022734
1# include < stdio. W
 # include < comio. W
 # Proclude < string h)
 # include < ctype hy
  # defer MX 5
    int choice;
   void play fair (chan the, chanthe, chan key (mx)(mx)) {
```

```
elses
     X=((X-1) X 5+5)X5;
     Z = ((2-1) 7.5+5)75.
  Rintf("XCXC", Key (W)(x), Key(y)(2);
5 che ( (x== z)
         y (choru==1) {
                W=(W+1)KS;
              w=1(w-1)x5+sxs:
     Rintf (xxxx, Kg(wx(x), kg(y)(2));
      Print (" c" c, Key (w) (2), Key (y) (x));
    uo?d reno- Puplicates (char str ())!
      Put hack (250) = 501;
     Port constraly =0;
     but look unique hales = 0;
   while ( (str + comortindes)) S
         clanterp= (straut ludy);
       y (0 = = hail (4exp))5
          hach (sepp) = 1;
       * (stroland vurgueholder) = temp;
         last Unique whole ++ j
```

```
curent hedge ++;
  void main () {
    int i.j. K = 0, 1, m = 0, n;
     char Key (nx)(nx), Keyrinu(25), Keystr(10), str(25)={
    char alpa(26) = {
  Right ( Jul. enouption 1 n2. Deuxption (no chora (1 or 2); );
 scanf (" 1.d"; Rechery);
   of ( drow = 1 20 doca! = 2) & Printf ( Invalid choris) . rete.
   ffluch (oddis);
   Prost ("IN Exte key");
    opet (Keyoh);
     Rough (" Enter the tut: "):
     get (sh);
      "Print ( 1/2);
     ? Print (" IN Entend text : > = moulput Text:" st
       playetai(sh(2), str(i+1), kg);
      of (deam - 2) prostf ("Revocan current x)");
```