```
STRINGS: - It is a collection of characters. It always enclosed in
                                 If we want to store m-characters
           double quotes " "
               it needs 'm +1' locations,
   that a[20] = "alud";
  founts ("1.5", a);
                                the distant of the case
                                point from the said about
-7 main ()
                                     winds to be definiting their is
   ther acros;
   pointly (" enter a string ")
    scanf ("1.5", a);
                                           Line Andrews
    fruntf (" 7.5"), a);
                                         to the party makes " House,"
                                           ( all ( ) ( ) ( ) ( ) ( )
                                        carly the above
  > main ()
      char name [20];
                                       反对部分进门协议。
       prints (conter name: ");
       scanf ("lis", nume);
       prints ("Your name is 1.5", name),
                                                       a middan
      return o
```

```
2. Int main ()
                                                                                                                                                    10/p/2- 11/11/19
            charch [1]= { a', b', 'c', d', e', t', 'no' }
                                                                                                                                                   chur array: above f
            char chi (11) = "abcdef";
                                                                                                                                                   String value: abodef
           found ("char array value's: "/.5 \m" ch);
           print (" String value is: 1.5 (m", ch2);
     2 return of
                                                                                               Yellow the Alexander of the many
 3. Int main ()
                                                                           a tope the real property and
          (from cont
                   their name [20]
                     founds ("enter your name: ");
          hissiant (conf. s. ", mame) had been to the second
                       prints ("Hello 1.5 how are you", name);
                                                                                                                                                               120.212.021
4 - int main ()
                                                                                                                                          O/P: - Hella
               that attacl ) = "Mello";
                   foundf ("1.5 1 m", estr);
                                                                                                                                                                             Sel Jana
5. To frint characters in a string.
                                                                                                                     O/P; - Enter any string: a bed
    int main ()
                                                                                                             The char at 0 ender position = a
            chur etr [200];
                                                                                                             The char at rinder position = b
                                                                                                             The char wt 2 under position = c.
               intieo;
                                                                                                              The char at 3 milese position = d
               printly ("Enter any strung: ");
             scanf ("1.5") str.);
                while ( strci] !=! (0')
                        front ("The character at 1. d inver position = 1.c \m", i, attr [i]);
                                                                         of the state of th
         ruturn o
```

```
27-05-24
Q:WAP to count no of characters in a given string:
                                                  C) WALL
2 mais () 32 ....
  1 char acros, 6 (20);
                                            mergery of 2 arrays
    int i',
    wintf ("enter a string
    scanf ("7.5", a);
   .. 120;
     while (aci)!=(10')
     { i++;
     printly (" 2.d", i);
                                          I CA POST AND X
 a - wap to copy a string : -
                                          KELDHIRE (ME)
 -> main ()
     char acro], b(20];
                                        with a mount of the
     int i';
     printy (" enter a string ");
     scanf. ("1.5", a);
     for (i=0) aci]: 10'; i++)
                                         THE THINK
      b[i]=a[i];
     b Ci] = a Ci];
        fountf ("1.5", b);
```

```
A: - WAP to concert 2 strings:
                                   care stepping, was to
> main ()
                                          CONCATINATION
    { that a [40], b [20];
                                           Adding of 2 strings
       int i, i;
       frunty (" enter 2 strings!
       scarf (" y.s 1.s", a, b);
         1 = 0 !
         while (aci)!= (101)
      for (i=0; b[i]! = (10'; i++, i++)
         A (i]=b(i]
       A[i]=b[i];
       founts ("1.5", a);
a was to reverse agiven string !-
-> mum ()
     2 char a(20), b(20);
                                                      ROTOR
       int 1, 3)
       Jounty 1" enter a string;
                                                     RACEGAR
        Scant ("1.5", a);
                                                       REFER
                                                       ROTATOR
          120%
                                                       NUN
          while (aci] != 10')
                                                       TENET
                                                      WAS IT A CAT ISAN
           1++)
                                                     BORRON OR ROB
          for (i=i-1,5=0;i>=0;i--$, i++)
           pC1) = aC1);
           BCJ] = 10
           printly (" 12.5", b)
```

```
a: WAP to compare 2 etrings :-
2 main ()
     than A(20), b(20);
                                              5. Hend . I has
      int i, j;
      wants 1" enter à strugs: ");
       sumf ("1.5"/15", a, b);
        while ( aci] == bci] & 4 aci] != (10" & 4 bci]!= (10').
            ((i)d == (i) m) 4
            printf (" equal");
            winty (" Not equal ")
 A: WAP to check given string is Palindrome or not:
 -> main ()
                                               ADELZA"
     then & E,207 role 202)
      int i, length=9 flag=0;
      pounts (" enter a string; ");
                                            while (aci]+=0)
      sconf ("7.5", sto);
                                              for (v=0', i c m; j+ -1.)
     length = 0 etr (length)
                                             scant (" 7.0", 4 acis)
       while (" E'D != '10')
                                              for (120; ic m; i++)
      length + +; length, 1++)
                                            1 x= m
                                              while ( m ! =0')
          if (stor ciz! = stor Clength -i-13)
          1 flag = 1;
          3 bruile;
         (flag)
          forint (" 1 m 1 s is not a Palindrome", atr.);
```

else & bout 1

```
-> set main ()
                                   Course Course
    Chan atr [20];
    int i, length = 0, flag = 0;
                              god from Uni
    winds ("Enter a string: ");
    Scanf ("1.5", stoi);
    while (stor [ length ]! = (10') // calculate length of iting
    for (i=0; i < length; i++)
     if (stor [i]! = stor [ length-i-i]) 1/ compare characters
                    11 if characters don't match
       flag = 1;
                            ("They ping") that
       break;
    if (flag)
printf ("1,5 is not a palindrome", s.tr);
     elle .....
     printly (" is is a palindrome", str );
                                o with that to know
                                art a stro ") Hay
                   [OR]
                                 (1867 2 57) frest.
 PARALLE LIBERTON
-> int main ( ) 1
                                over Constitution.
  than etricions, choice;
                                int i, length = 0, flag = 0;
          frunt (" Enter a string: ");
          scanf ("1.5", etr);
          while (stor [ length]!= '10!)
longth ++;
```

```
for (i=0) i < length; i++)
if (strict)!= strclength-i-i)
    1 flag = 1;
    2 break;
 if (flag)
  printly ("1.5 is not a palindrome", etr);
   print ("1.5 is a palindrame", etr)
   prents ("In In do you want to check another string? (y/m): ");
   scanf (" 1.c", & choice);
  while ( choice = = 'y' 11 choice = = 'y');
```