```
28-05-2024
A: WAP to insort sub-string into a main - string from starting
  farition im [ index ]:-
"> Imain ()
                                           0/P:-
                                           Enter main string
     chara[40], b[20], c[20];
                                            abedhijk
     Int i, i, index;
                                           Enter Sub string
     wintf ("enter main string: ");
                                           , et 9
     Scanf ("7.5", a);
                                           Enter inder to invite
                                         abidefghisk
     printly ("enter sub string: ");
      Scanf ("1.5", b);
      printf ("enter index to insert: ");
                                               abcohijk
      Scanf ("1.d", & index);
      Count = 0;
      while (ACE)!= (101)
                                                    Storter?
       count ++;
      if ( index <= 0 & & index > count +1)
       prints (" Not parieble ");
       else
       [ Knindf to
         for (i=0); i=0; i z index -1; i++xi++)
            c(i)= aci];
         for (3=0; bc)]!=(10'; i++x, i++)
            ((i) = b[i);
         for ( i= index-1; A[i]!=(10'; i++ xi++)
          · ((i)= a(i))
            c [i] = (101;
          . friend ("7.5", c);
```

STRING HANDLING FUNCTION:-# imhall < string. h> poulefined() = streen (); storero(); stripy (); stripy (); stripy (); attimed (); strumpic) main () String Ex! main () To find string length that a (20) Enter strug happy char a (20); Befor revosing; happy bring ("enter a string:"); in mi points (" enter a string: ") scanf ("115", 4) scanf ("2.51", a); " 1111 " 1111" strus (a); wintf (" 7.5", a); n 2 strlin (a); frantly ("", d", m); ments a Samual and the 3. To thech the given string is halindrome 4. To find sub-string in a main string. or mod; a main () 1-> main () think 2 chara (20), 6(20); char a (20), 6 (20); (M) (M bru than the printy ("enter a string "); fruitf ("enter a string"); scanf ("1.5", a); scanf ("7.5", a); struly (b, a); frinity (" enter sub string "); stown (b); n = etrumpi (a, b); scanf (" 7.5 " 8): 4 (m == 0) m = stristri (a,b); journet ("Palindrome"); prints ("1.0", m-a); printly (" Not Palindrome"); (1) 241

EXAMPLES => 1. strlen w. Returns length of a string -> main () Char a [100] displayment, was fruntf (" enter a string: ");

Scanf (" 7.5", n); int length = strlen(xh a); frintf ("length of etring: ".din", length); 江水。"为以"火 2. structur. Reverse a string -> main () simple to fall desired char a Cloo) winty ("Enter a string: "); ( scanf (" 1.5", a); fruit (" Revolu ", s In", etrouv (a)); (" god he is notice") if 3. stripy(): - copy a string than a [100], b [100]; (d, c) identification fount ("Enter a string: "); scanf (" (-s", a); stripy (b, a); Juls (6); Camada alterity

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4. etreatii. - String concatination
                                                                                                              Company of Marine In Orandor who
-7 main ()
             than across, b [100];
                                                                                                                      mar story, const
              frist ("Enter a string:");
                                                                                                                     income the Attent
                Scanf ("7.5", a);
                                                                                                                             CREATINGS AND
               print ("Enter & string:
                                                                                                                     much them is stowy
                  seanf ("7.5", b);
                  streat (A, b);
                  printf (" string after concatination is:
                                                                                                                                        1.5 ( , a) ; ...
   5. strumpi (): - Enables a case-insensitive comparision of 2 strings.
             returns 'o' if the given 2 Ebrings are same
            returns - ve if the length of etr 1 ( length of etr 2')
             returns the if the length of etr 1 > length of str 2
      -> main () main () and the state of the trans of the state of the stat
                       char à (100), b(100); (100)
                         point ("enter a string: "Vistor ( ) white
                           scanf ("7.5", a);
                                                                                                                                            and I minimate the s
                         want (" Enter b string; ");
                          scanf ("7.5", b);
                                                                                                                    choic acaretico)
                           int i = strempi (a, b);
                                                                                                                  int is wond, someth
                         frunt (" 1.0", 1);
                                                                                                                    the arbart House
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established of gents
 6. String reverse & concatinate: -
-> main ()
                                     1944, Col. 36 14
  1 char ac1003, 601003;
                                     ieti Areko () ika
    found (" Enter a string: ");
                                       The Stray day
    Scanf ("11.5", a);
                                     and the like
                                       11/2000
   print ("Enter & string: "),
    scant ("1.5", b);
                     executive many in the finite in the
     etrier (a)
    strav (6);
    streat (a, b); entermain string: hells
    printf ("7,5"), a); enter rule string: World into industrianot: 3 hewarlollo.
a: - WAP to insert sell-string into a main-string from starting
   farition 'm' [ inden ]: - using string hamiling function =
    etilen (); etinchy (); eticat ()
                          front (" Entro dring ") Thing
-> unt main ()
                                   (1) 3111) from
     char a(40), b(20), ([100];
                             art Marion in the
     ent 1, count, ender;
     wint ("Enter a string; ");
     Scanf ("115", A);
     brinds ("enter b string: ");
     scanf ("1:5", b);
     friends (" Enter index to insert: ");
      sconf (" 1.d", a index );
      count = etrlen (a);
```

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if (index <=0 11 index > count +1)
2 prints ("Not possible \n");
 structy (c, a, index-1); 11 copy before the index
  c[index-1]=(10'; 1/NULL terminates the abing
 streat (c, b); 11 concert sub-string b into c
 etrust (c, a+index -1);
 print ("1.5 1m", ();
return 0;
     Exter a string; abcdhisk
```

enter a string! about is known; efg

Enter index to insert: 5

about efghisk