Assignment (18 unite a fraction to calculate length of the string. #include (stdio.h) Hindude (string . 4) void input (char()); void output (chor()); int main() printf ("Enter a string (n"); char Str (50); imput (str); output (str); returno; void input (char str ()) void output (char str ())

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fruction to reverse a string.
 (2)
       #Include < sadio-his
      #include ( string. h)
       void input (char(7);
       void output (char());
       int main()
            print ("Enter a string In");
             char Str [50];
             imput (sts);
             output (stn);
             redurno'
         void imput (charstr())
           Jets (3+ 8);
          voidoudput (charsty ())
              printf("Reverge of string is = >:s", storev (str));
\mathfrak{T}
      unite a function to compare two strings.
      # include (stdio. h)
      Hindude (string - h)
       vaid output (char[], char[]);
       int main ()
           prints ("Enter 2 Strings (n");
            charstr [ 6 ] , Str 1 (50);
scanf ( " 1/25", str);
            5 ears ("xs", 84 x 1);
            output (str, strl);
            returno;
         void output (char str(), char str())
           printf ("Result is = /d", stremp (str, str 1));
     write a function to transform string into uppercore.
(4)
      #Include < stdio. h>
      # include (string. h)
      Vaid output (chas ())
       ind main ()
                                                  void output (char str[])
            printf ("enter a string = "),
           char str[40];
           gets (str);
           (rte) tugturo
            setumo;
```

unite a function de tronsform a string into louser care. \bigcirc #indude (soldio.h) stinclude (Story . h): void contput (char()); int main () L printf ("enter a string = "); char Str (40); Jets (Str); output (sts); sction o; void output (char str []) Printf ("Cower string in = >:s", strlur (str)); @ write a function to check whether a given string is an alphanumeric string #include<stdio.h> #include(string-h) vaid output (char()); int main() int 1; cher Str (30); Printf ("Enter a setning = "); gets (str); output (str)! return D; void output (charstal) inti, a, b; for (1'=0;1'(str (i); ital) if (str[i] >= a'44 str[i] <= 'z' | | str[i] >= 'A'44 str[i] <= 'z') 9=1% (ie. = >(!) * \$ \$ \$ \$ 0, = < [!] * \$! b=1; if (a==14 b==1) Printf ("Alphanumen' c string"); else printf ("Not an Alphanemenic string"); Dun'te a finction to check whether a given string is palindrome or not. #include (string .h) vaid output (char(3); int main ()

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char stor [0]
                Private ("Bater a string = ");
                gets (348);
                butput (str);
                retumo:
              voi doutput (charstr (3)
                  int hill
                 for (1=0; str(1); 1++)
                  for (1=0) i <1/2; i++)
                      if(str[i) ==str[]-1-i])
                           printf ( ' palindrome string ");
                           break;
                       else'
                          prints ("Not an palindrome string");
                          break;
                        3
                       to count words in a given string.
1 write a function
          #include (Stdio.h)
          voi à output (char ());
          int maine)
               char S(50);
               print ("Inter a string =");
               sets (s)!
               output (s);
            void output (chars())
               int 1=0, C= 0, check=0;
               while (s(i)):
                 if (sci) == ' ')
                  if (check 1=0)
                      C++;
                    check = 0;
                 rese
                   check++;
                  itt;
                if (check 1=0)
                         Total number of word = x:d ",c);
```

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Desirte a function to reverse a string word unise. (for example if the given string is "Mysing Education services "then the resulting string should be "services education mysing").
           # include < stdio h>
          Hindude (string h)
           vaid output (charce), int, int);
           int main()
               inti=0,9=0, e=0, c=0;
               char (str (50) 2 "my name is Anish kushawaha";
               while (str (i) ! = 1101)
                  while (str(i) ! = 1.1) }
                     if (str (i) == 1 101)
                     break;
                   e++ ;
                   14+;
                'output (str, a, e-1);
                17 (c== ))
                   break)
                a=e++1
            output(++,0,1'-1);
             Brintf (" ",s", str);
           seturno;
        vaid output (charsAr(), int a, inte)
          chart;
           while (a <= e)
              t= str[a);
               str (a) = str(e];
               str(e) = +;
                artet;
                e--;
10 unite a function to find the repeated character in a given string.
         #hinclude (Idning-h)
         void output (int(), int);
         int main()
            int 1= 0;
            char str [100];
```

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Printf ("ender a string = ");

Jett (str);

ints(256]=20);

while (str(i)! = 1/0")

L s(str(i)+1)++;

output(s,i);

return 0;

void output (intsc), inti)

Printf ("repeated characters are = ");

Par (i=0; i<256; i++)

L if(s ci)!=0)

L printf ("rec==> xd\n",i,s(i));

Printf ("rec==> xd\n",i,s(i));
```