

Assignment-18 ttinclude LStdio.h} Void lungth (charaty); int main () char str[50]; fgets (str. 10, stdin); length (str); return 0; void length (char at 7) proint (" length of string = olad", strlen(a)-1). # include (stallooh) void reverse (char a[]); int main() char str[10]; prointf("enter a string"); fgets (str. 50, stdin); reverse(str); returno, void neverse (characy) } low, with ("Lest excet stainds 11.7", startes (00)10

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( thinclude & stdio. h)
   roid compare (charal), chartes);
    int main ()
       charstr [50];
printf("Enter a string");
        flets (str., so, stdin);
         char peroj;
         printf (enter a string");
         fgets(P.50, stdin);
         compare (str, p);
          return 0,
     Void compare (charact, chartel)
           int m;
           m = stremp (a,t);
           寸(m==0)
                  printf ('same string');
            elseif(m==1)
                   printf ("opposite direction order");
                  printf ("dict long order");
```

P. D. # include Letdio. h} that modern' Vaid apportage (that a(1); int main() char str 60); printf ("enter a string"); fgets (str, 50, stdin), uppercouse (str); returno; Void uppercase (charal) prints ("dos", strupr(a)); (5) # Include < stdio. h > void towercase (char a[]); int maines char str [50]; point ("Enter a string"); fgets (str. 50, staliny; lacorecuse (astr); returno; rold lowercase (char all) printf("eps" stollor(a));

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(8) ## include Letdio. h / har a[]
    int main ()
       char str (50);
        point ("Enter a stoing");
        fgets (str, 50, stdin);
         alphanumeric (str);
         return o;
      raid alphanumeric (charat)
          ずれた じ,丁
             for (1:0; ati), i++)
             of If (ali)=1 | |ali]==2 | |ali]==3 | ali]
                  ==4 | | aci)=5 | | aci)==6 | | aci)==7 |
                    a(i) == 8 | a(i) == 9)
                   printf ("Alphanumeric");
               proint ("Not alphanumeri");
```

include 257dio. h} vald pallodrom (char al); Int main () char str[30]; prints ("enter a string")," fgets (str., 30, stolin); palindrom (str); return o; void palindrom (charal]) int L, i; 1= etrlen(a); for (=0; i < 1/2; i++) If (aci) = a[1-1-i] printf ("Not palindrom") breaki # ((== 4/2) printf("palindrom");

```
# include < stolio. h/
world countword (lochar b[]);
 int main ()
     char str [50];
     printf ("enter a string"),
      fgets (ctr, 50, stdin);
      cauntwoord (str);
      return o;
  You'd countwoord (char b[])
        int I, i count = 0;
        1= strlenchori
        for ( =0; i <= l; i++)
         4 # (b[i]=='')
                     Caunt ++;
          print(" olod", count);
```

```
(1) # Include < c+dio. hp
   raid repeat (char pe);
    int main ()
        char str[200];
         print (" enter a array string"
         facte (str, 200, stown)
         repeat (arr);
         returno,
     Vaid repetat (charper)
          int c, J, e
          forego
          1 = strlen(P);
           for ( =0; i ( = 1; i+)
           } for (J=1; Jxl; )++)
                   I (str [i] = = str [i])
                      porint ("c", str (i));
            6 6
```