tr. 2.10

1. Am. Rustad it. V

2 Aw: Largest unsigned integer 4 4 x 8 = 32 lite

3. Aus: Sporint of (" ofett 010x, supresents the unsigned decimal integer call m, bit Rottern, bit Batharn);

my integer greater than 7 Albold gries a regative output.

4. Ans: # include < states +>

(bion) mism tone

I tru

if this barpianul

I look " forever" The confiler while (1) pllecuty

on (PU

auditecture.

Complete the district of

har own is correct

printed (" anter a durinal integer (0 to april): "); 2 094 4 bytes Aspending

scarof ("106", &x);

if (x==0) boach: 11 boack out of look

(": Comisabassad in meethough til a rature") ftmieg scarf (" of x" & by);

gods englant to the normal trace

tool got two shared 11; shared (0== f) fi , 4 % to x010#0 20 horate a ino 10 10 10 fithing

reports period at thewards x010#000) of third on form is to be used by stations who m

e, or stone to borote holo

s H)?

(ce and of brodram " (v));

(A)

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loc. 2.10g
1. Au: # include < ithis. h>
         int main (world)
              chon * storngeton = " Hello world. /m";
              while (* storing Ptor != {10')
                  print ("0/0p: " storing ();

print ("0x0/02x/m", * storing (421);
                   string Pto ++;
                 points (00,60; " string ltn); prints (00,060270/n", * string ltn);
                 noturn o;
  Lax 2.12
The side > wellen # : wh. I
         int main (waid)
            int andret = 19088 743;
             float attest = 19088.743;
             print ("The interpol is old and the float is of [m") printy
                     ; (trelta
           io meeter
         The natically are stored at their allocated memory
phononical (8) along with the bring bound bounds of in phononical (8) along with the bring bound bound bounds of in
the deldown ref a horistle the & remposered can be used to
 display the values in their stored photo type. The component
```

```
address that the integer 19088748 is stored at its respective manage
    momory and the float making cross 2422 is stored at its suspensioner
     manary address. Cother the walles can be displayed in haradecimal
      are displayed expensately, they appear to follow the little ender
        storage order. The loast agrificant liste is stored in the lowest-
         . Jumbour address and the smallest leyte comes first in memory.
      Eax 2.16
1. Ans. # jududo < mista. 17
                          # include < slowing. h>
                           (Diou) man tri
                                    chan assung [ 2007;
                                   chen the state that a restrict a restrict the state of th
                                       read (STOIN_FILENO, stringly, 1); ( pet finit character
                                        while (* stowng lts != '\n') "look foor and of line
                                                     neutrosel tran out enoun! ; L++ 12 Aprile private
                                                     read "(STDIN_FILENO, storing Rtn, 1); 11 get most character
                                                      went one for mor
                                                 white (STROUT_FILEHO, " you entered: In",
                                                                        sterlan ("You entered: /m"));
                                                  storing Pto = astoring;
                                                   de
                                                             weite (STDOUT_FILENO, string Pto, 1);
                                                              storing Cto1++;
                                                      } while (* stoingleter != (/m));
                                                         wente (STROUT-FILENO, storing Ptr, I);
                                                        return 0;
```

```
# include < state h>
       < the blains & dulini H
        # include < strang. h?
        (byon) mion test
            chan assing [200];
             chan * stringly = astring;
              movite (570 OUT _FILENO, COMBUTY - TWO NTS) stivens: 115
                      resen squary ! ; ( " : grante test a retire") nelsete
             read (STOJN _ FILENO, Downglton, 1); 11 get first characters habite ("In") = 1 pet gravelex") about of line
              Sa
                  : ++1ets privatel
                                              11 more to next bocation
                  read (STOIN_FILENO, string Pta, I); (1gd nort abounded
                 ; (0/ = rold grainete. *
                                            grants) and galam 11
                 I more some for mos
                 (" you entered = (no/os /m") of tring);
                 ; o menter
3 Am.
         "There are fine separate files from this indution.
         "A. notravr" shelson #
         shelson H
                                11 limited to 5 fortating readstand 11
         # define STRLEN 5
                                 Il should be soo has we
          (bion) nion tri
               chan altering [ the STRLEN];
               " (" : " privite test a test string : ")
                road In Castaing, STRLEN);
                ; ("m' : boretra voya"); potestient
                ; ("m") statuer
                 ration 0;
              1 * weitester h
                broken of line to standard sect.
```

0.7.9

```
: tupui *
      grainter that expeti-) at retailed
   : trybus *
       return prender of charge weather
# 18moles WRITESTR_H
# DUFFER WASTESTR - H
int writesty (chan *);
Jibne #
 >. rotestina * 1
  two booknots at mil a cetient of
   : tupni *
         griets and explicit so at retiriony
   : tenf trug *
           to scream
          return pureles of charge mouter
 < 1. solving > soulong #
  # include " niestatter. h")
   (rebblegnist (* reads) retletisen mig
      :0= trues his
       (101) = ! reported *) slight
           muite (STOOUT_FILENO, Duing Addr, I);
           (count ++ ;
           storing Addn++;
         return count;
       1* goadson.h
          Reads a line from standord in.
        etaminates retravalor evidence & Siminates
         * enough character from input luffer.
         * infection layboard (5)
```

```
: tuffers *
       griete that betaniment blus
        prived and mi wants for reclumn mentare
# HUDDE BEADLY #
H-NJOAFN engets #
int read In (chan *, int);
Jubry #
). meder *
  * heads a line from standard in.
  estiminates prisuen express x
  reffer typic mary evetrarans evens *
   : tupni *
         brow buyboard
    * Butfut *
          grinds but betaniment - llum
           guests that in events for restmen inventore
 # include < pristd. h>
  # include " read In. h"
  (Atgrethrem tri, rebeloguists & news) rebear tri
       ; 0= thrules this
        manderight --; " I allow where for NUL
        ((1, repolpointy, ONZIZZ-NIGITS) pare
        ('M') = 1 rebologinista*) elitur
             if (count < marblingth)
               count ++;
             great (STVIN_FILENO, string policy, 1);
          griede = (10); 11-tourinate ( stoing
          retion count;
```