```
Assignment 018-
                                       A comprise to the
waste a program that converte a lowercas e to
opperance and an uppercone character to lowercore
If the Popul character is noting letter print
"Invalid Enput".
                                   all Proclade andlows the
                                         Internation ()
# Proclude < stdio. h>
 void main ()
                   printf ("Enter e charactero");
                    a chancle (2.4), " 2011") januar
     pointf (a Enter
     scang (".1.c", &c);
                                paint (" sen (h");
     eβ (c>= 'a' && c <= 'z')
    else if (c>= 'A' && a<='Z') " boreon =
      C + = 32;
                 Colive a the Entry es denoting
break preint ( Shoulid Input? ) intry, ear 21 1 .
                    Corresponding to the number.
                    . If not print greatly than 8.
  , perint (" converted character "bloc"; c);
    return o;
                            print ( Entra a +VE
                Enteders. );
Output!
                            sur & (" oled ", &n);
   Enter a character: a
                            . (6=>4 88 1=54) fi
   Converted Character: A
   Enter a character : 6
                                  (n) Hotswa
   converted character: B
                    case 1: point (" one \n");
   Enter a character:
                              boseak;
  Invalled enput. ("n/ocat") jinber : 6 9300)
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Assignment 02:-
     have to point the character ch for the
grost line and then point be sentence hen.
                                      "Tovalid Espect"
# Proclude < etdioin>
 Int main ()
                                 A molude 28thio. H>
                                        void main ()
   Chare che,
    parint (" enter a character!");
    Brank ("10c": (Sch) invento o restrict ") Italien
   point (a 010 c /2); (02, "0010") buss
    parint (" sen (h");
                                                       (000)
                     (C>= 'a' && c <= 'z')
    actuan 0;
 Output !-
         a character (2x : => > 28 : A! = < 5) 38 9219
    Ben.
Assignment 03:
                                      m, do the following
    Give a tre enteger denoting
 · Ef 15 n = 9, print the bow encade English word
  Corresponding to the number
                                      Rollan O!
 · If n>9, point greated than 9.
   # michide Zotdeo.h > 00000
                                ( occovert ad
    est reain ()
                                         Seption 0;
       Post n;
       paint ( Enter a tre
                            Priteger:");
                                                Output:
       scan & (" olod ", &n);
                             Enter a chasicacter: a
       if (n>=1 xx n<=9).
                             A? reg tonundo
                                           Converted
         ewitch (n)
                             chamaches ; b
                                           Potes a
                            S: reduced
                                            50120V100
           case 1: printf (" one \n");
                  beleak;
                          chanacter : !
           Case 2: point ("two/n"); tuges beloven I
```

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case 3: point ( three ( 10 ") 30 81) , po 8 3103 ) ( Inner.
          bereak ;
                               ( " ofod ", & age);
   case His perinty ( four \n");
     (" : (beleak . ") somond- pultom rated")
    Case 5: perintif ( frent ) (thom & " for") pass
if (age < 18 11 age > 60 11 monthly-insome doll monthle
    Case 6: pulntf ("sizola");
          bereak?
    Case 7: porinté ("seven \n");
po son break; (" signe sonoir") j'dring
    Case 8: porint ("eight ("n");
           becak;
    Case 9: pointf ("nine \n"); 28 81 - 2 2 po) / 2010
            bereak.
                       beinth ( , toou ofidiple , );
   else of Cogs su by though - income so isogo
     else §
      puint ("Greater than 9 \n");
      elso of cage >= 26 xx age = >10 2x;0 minter
                    $ (00001
 Output :-
     Enter a positive ("Integer: 5 nooh") plane
     five
     Enter a positive integer: 20
                                                  o Als
     Greater than 9.
                  paint ("doon not eligible");
 Assignment 05%-
      Condition: - 18 = age = 60.
                  0 = monthly-incom < = 50000 Mandox
   # include <stdio.h>
                                  90 tes oge (18-60) 130
    ent main ().
                    overs (000000 0) money platerom
        Post age;
        Hoot monthly-income;
```

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point ("Enter age (18-60):11); ent 1) Hirled 16 3000
  Ocanf ("olod", & age);
                           ( (" (mo) ") juring (" four / ");
  point ("Enter monthly-Encome (0-50000):");
 Beard (a.108, 8 montyllagueres) stand : 5 mos
  if (age <18 || age >60 || monthly-incom 20 || monthly-
facome. 50000)
       print ("Invalid Bratput, Please Theck, the age and
                 Prome sange 1); pring: 8 3800
                                       becals i
        ef Cage > = 18 & & age < = 25, 32 monthey-incom > 250000)
             ("Loan eligible");
   else of (age >10 &2 monthly -income >= 15000)!
    perint (« Loan eligible."); rotoord ") juding
            (age >= 26 & 2 aged > 20 &2 monthly in come
                            10000)
                                              Output ?-
         pointé (« Loan digible») gridisog so
                     Ember a positive integerido
                                  Greater than 9.
       paint ("Loan not eligible!");
                          Lendition: 18 5 age ≤ 60.
    Return 02002 = = mooni-philom =0
4
output :-
                               # include astdio.h>
   enter age (18-60):30
  Enter monthly encome (0-50000):12000
  Loan eligible.
                           od ; mome;
```

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Assignments 106: - 19 1 reported 100 rul 270 thomas a
Garade l'évalliation l'égistem.
 # molude <stdio-h> . move thing on mive
                   abbo some an soon ex
  Post marn ()
  Ş
                              thatclude < stdio. h > ...
      Port Score 4,7
      punty ("Enter score (0-100):");
      Branf ("0/0 d", 2 (core); d=>11 (0-11 /11) rof
     of (Bcore <011 Bcore >100) =>11 AA (=<17)
       perinty (" In valled Geore. Please Enter b/w% and 100.");
     else if (1000 = ("07/ 2000") finiteg & E 38/00)
      · point ( Gradé ( Angord 1) ) tripe : 6 0 800)
     clae of (acore > = 80) south") journed 18 280)
       perint (" Grade (Bil); ") Jamies :13 0000
     clse of (score >= 70) ovid ") farmed : 3 020)
       perent ("Grade: (C"); x18.") pring :0 200
            (Brace >=: 60) (300)
       founts ("Grade: D"); Haven : 3 2000
                    Cour 9: paint (" nene (n");
       Reints ("Grade: F");
     neturomo;
 y.
                              ( n 11.8 = = 0).
Output :-
  Grade: F.
  Grade: A.
  enter score (0-100):59 ?("n/850") juing
                                          F
  Grade : D
```

```
Assignment 04:- For each Porteger n Por Porterval [aub].
                       english representation of in laworese
   · Pf ISNSB paint
    n>9 even no. point even.
     n>9 odd no perint odd.
Handlude < stdio. h >.
        point-représentation (Port a, Port 6) de 100
            n = a; n<= b ; (totat) & ("b ) ")
  for Cost
     Pf (n>=1 && n<=9) ) = 0 000 1 000 3600A)
solbas o &wiltcho(n) sansiti. erost beloval") fring
        Case 1 : point { ("one \n"); = (2001) } pasts
                 bereak;
        case a: perint (a two (n") 3 port)
                oneak;
        Case 3: parinof ("three in");
                byeak ;
         case to paint (" four \n") 2000
                bueak ;
         Case 5: pointé (" five (");
                beeak;
        case 6: print ("six (n");
                bareak;
        Coure 7: point ("seven (n");
               break;
        Cour 8: porint ("eight (n");
               boreak ;
        Couse 9: paint (" nêne \n");
               break;
       4
     4
      else E
         if (n%2 = =0).
          paint (seven /n"); +B: (001-0) 200 13 80
              Ground e 3 F
         else &
           parint ("odd/n"); {? (001-0)
```

```
1 1
 int main ()
                                      CO 1 (1) Waster
   But a, b;
    printf ("Enter lower bound (a):");
    Scanf (" . 1.d", &a);
     Beant ("1.1" & h).
     scanf ("1.d", 26);
    perfort_representation (a, b);
    reburn o;
       190001 1 (6,6666 000001) 5 both & white
 output :
   Enter lower bound (a): 8 111; ellet
   Enter Hupper Ebound (6); eight 1000
    nine.
the solen obos
                        of Atriow John 101 trans
     odd.
 Assignment 08?- point powers of 2 from a toilse in
                         while looping to a state !!
separate lines
               using a
                                   output!
  # Include <stdio.h>
  void main ()
    Port 1 = 1;
   012 810 (12=128)
      pourobf (".1.d/n", i + 2);
      1 * 2;
                                   128.
     y.
   return 0;
                        5 deget esitéger point
 Assignment 09:- Give
                   (10000 <=n <= 99999)
 # Include <stdio.h>
                                  ", O - O WING
  void main ()
   S
     But mi
     Russit ("Enter a 5 digit sateger (10000-99999):");
    scanf ( " olod", &n);
       (n<10000 11 n>99999)
      puients ("Invailed input :Please enter a s-digit integer,
                                   ; ( " a / a / " ) Him hospi
      neturn o:
```

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gost grown = 0;
     whale (n;=0)
      ફ
        &um + = n (/6100) broad record rotal"
                                 Scarf (" 100 ", 20).
         D /= 10%
      perenty ("Sum of digita": "/d Vis", sum)
                                 1(98 (100) Juons
      returno;
                           partition (a, b);
  z
                                             O LICHUSE
  Outpute -
     Enter a s-digit Enteger (100000-99999): 10564
     Sum of degets : 16% 8: (0) bound round total
             5- digit Priteges (100000 =99998) 31,03450
     Sum of digita: 15.
                Chef wants to waste a code with
  Assignment 10:
                                 perme.
  checked of given number so
                                         Pasidument 08:-
                                   Jaired
   # Porclude <stdPo.h>
                          0/2/00
    But main() , sugar
                                   Proclaide estations
       Put num;
       paint ("Enter à number:");
                                     Enter a number: 42
       Scanf [4.10d", & num);
       of (num <=1) 11
                                      (861=29) 9/2/W
                                    Enter a number: 10
                            ((8 * 11, (Wool) , ) laws
        bring ("No Iv");
        deturn o;
                                              0 17 11 De 5
      Port 12 29
      Pnt 98-poine=1;
      while ( ?* ? < znym)
                                         Assignment 09:
         ff (num 0/0 €==0)
                                    -11 Endude Estations
           le-buine 20;
                                           () 18000 , 690 V
           bereak;
of (is-brine).
      paintf ("Yes \n");
                                    4 11 00001 = (1)
                                   bried (, Jungilly
     Experient ("No (0");
```