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Assignment 3
 # include < Stdio h>
                                        (4.)
                                               # include < stdio h >
  int main () &
                                                int main () &
   inta;
                                                    int n=5;
   scanf ("%d", &n);
                                                   M ( N&1 = =0)
   y (20)
                                                      printf (" even");
       printf ("Positive");
                                                      (" odd");
      printf (" non-positive");
                                                  return o:
   return o;
                                              # include < stdio h >
#include < stdio. h >
                                                int main () ;
 lut main () {
                                                  int x = 123;
  int n = 125;
                                                  4 (x>99728 x <=999)
  if (x%5==0)
                                                      prints (" three digit number");
    point ("diminde by 5");
                                                   else
                                                     printf (" note three digit number");
  else
    printf (" shot divisible by 5");
                                                 return o,
 return 0;
3
                                             # include < stdio. h >
 #include < stdio. h>
                                               int main () {
int main () &
                                                 int a= 10, 5=9;
    int n = 123;
                                                 y (a>=b)
   y (n%2==0)
                                                     printf (" Greater");
      printf (" even number");
                                                     printf ( " smaller ");
      brintf (" odd number");
                                                 return o:
  returno:
7
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include < state h > # includecstatio-h> int main () } internains () } int a= 5, b=6, c=7; inta,b,c; scanf ("/d /d /d /d /, &a, 26, 20). int d = bxb - 4xaxc; 4 (a>= b & 2 a>= c) y (d>0) printf (" " d'is greatest, a); smitty (" Real and direct "); else if (d=0=0) dse if (b>=all b>=c) printf (" xd is greatest, b). printf (" Real and equal"); else bromtf (" 1.d is greatest, c); printf (" imaginary"); return o; return o; # include < \$ stdio. h > #include < stdio. h> (10.) int main () & int main () { int year; int cost, sell; projet scanf (" %d", Lyear); float profit, lass; if (year % 400 == 0) scanf (" %d %d", Lost, Asell); printf (" leap year"); if (cost > sell) } else if (year %100 == 0); profit toes = (cost-sell) printf (" not leap year"); loss = (cost - sell)/cost *100. else if (year % 4 = = 0); brintf (!! % f ", loss) ' printf (" leap year"); else s else profit = (sell-cost)/cost *100; front ("not leap year"); prmtf (" %f", profit); return o; return o; # include estatio. h > int main () { #include < stdio . h > int a= 10, b= 9, c28; int main () } M (a) black c) int a, b, c, d, e; mitf (" %d is greatest, a); scanf (" 1.d 1.d 1.d 1.d 1.d " la lb lc, 4 elocif (boall boc) y (a>=33 ht b>=33 ht c>=33 ltd>= printf (" " d is greatest, b); Al e>=33) prinf ("pass"); printf (" fail ");

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- Hindude & stdio. h >
 #include < stdio. h >
                                                   int main () }
 int mann () {
                                                    int n = 2 ;
 . char ch ;
                                                    y (n >0)
  scamf ("%c", &ch);
                                                        print (" positive")
 M(ch>=97 Le ch<=122)
       printf (" lower case ");
                                                    else of (x20)
                                                        printf (" negative");
 else y (ch>=65 & ch = 90)
      printf (" uppercase");
                                                     printf (" zero");
 else
    brintf (" special character");
                                                  7 return o;
return o;
                                               #include < stdis h >
  # include < stdio. h >
                                                int main () &
                                                  char ch = 1 = 1;
  Int main () }
                                                y (ch>=9782 ch <=122)
  int n = 12;
                                                    printf ( " lower care");
   y ( 21/3=20 &1 21/2=20)
                                                else of (oh >=65 && ch <=90)
        printf ("di utolo le by 3 and 2")
                                                   printf (" Uppercase ");
  else
                                                else if (ch>= "0" & + ch <= "9")
    printf (" not divisible ");
                                                   printf (" digit")
 refurn o :
                                                   printf (" special character");
# include < statio. h >
                                              return o:
  int main () }
  int n= 21 1,
                                               11 include < stdio - h >
  以 ( x % 7==0 | 1 x %3==0)
                                         17-1
                                                 int main () }
     printf (" divisible by 7 or 3");
                                                   int a, b, c;
  else
                                                  scanf ("Xd Xd Xd", &a, lb, &c);
    printf (" not divisible");
 return o 1
                                                  if ( a+b>c && b+c>a && a+c>b
                                                 else
                                                    printf (" not a fri angle ");
                                               return o
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16.) # include < stdio. h > int main () \$ int m; Seanf (" % d ", 2m); 2) ('m==1 1 | m==3 | m==5 | m=27 | m=28 | m=210 | m=2 printf(" 31 day"); (m==4 || m==6 || m==9 || m==211) print (" 30 days"); else printf (4 28 days 4); return o; 2