Assignment 3 O write a program to thek whether a given number is positive or non-positive. # include < s+did h> int main () d int m; printf (" anter a no"); poart (" 1.d", &m); if (m 70) print (" positive"); printf (" Non-positive"); @ write a program to their whether a given no. i divi pible by 5 of not. # in clude cs+div. 6> int main () wit n; printl (" Enter a no"); scart ("Y.d", &n))

if (n.10 5 = = 0) plints (" No is dissible by tod", "); privil (" Not divisible by 6"); 3 white a program to there whether a given wis # # in clude (Stdis. h) Ger Back - Land int mais () printl("Enter a ro"); scarf (" 1'd", fa); if (x1,2 = =0) privite (" even no"); prints (" podd ~"); retur %

E write a program to check whether a given no is an even or odd minusing yell specator. ## include (s + dio. 1 > } wit n; printl(" Enter a no"); scart ("1.d", Fa); if (n/2*2 ==0n) prints ("I'd is even", "); prints ("I'd is not odd", n); return o;

To write a program to there a retter a give. At in close es tous. 4> vit main () und n; prints (" Enter a no"); Scart ("Y.d", Fn); TO THE STATE OF TH Nn.1.10; We will be the second x= 1/10) The contract of the contract o if (") (= :) .) •) •) } (/n/10) n=n/10/ We will go to be an in if (n==0) prints (" Not the digit"); else it (") n 1.10% n = n/10 } if (9 = = 10) prints (" given no is three digit"); prints (" not these digit ");

printl(" Not threw digit"); write a program to print greater 11 ws two no. plint one no. of so th are the It in clude cs+dio h>
wit main() (1 - V fuit a, boidi printf (" antel fuo ro"); Scart ("t.d", & "Y.d "/.d", &a, &b); if (a78)
print + (" o 1 d is greeter", a); else print(" 1. d i greater", B); it (atro = 1/10) psintf(" C= a 1.10; d= st10; if (c== d); printl ("1.d", c); 1 - - 1 15 17

a = a /10; b = b/10; Call and Maria Della it (a== 1) printl (" .f.d", a); printl (" Not pave"); and the state of I was the state of the same of write the program & check whether a vots i given næ quadratie eg = are real of district, had and equal or inaginary rotti to the to the state of the stat # includucs+dio.4> ind mais () d vit a, 6,0% printh (" Enter a, b, c, values"); port (" 1.d. 1.d 1.d", \$a, \$1, \$c) 3 = p* b- 4ac; st (270) prints (" real and distinct"); else if (D==0) prints (" real and equel");

(se et (" smaginary rols"); return 0; My segal bere profession 12 yest is lesp year or not. 7 # include (stdes.4) int main () { cut year; prints (" Enter a year"); scart (1 /d ; & geal); if (& year 1.100 == 0) (38 (year 1. 40 == 0) prints (" lesp year"); else (" Non-lesp yese") elser it (year 1, 4 = = 0) et prints (" lest year"); prints (" Non- Lest year");

returno; O write a program to find the greatest away three given numbers print number once it the greatest number appears two or three times Al way of some property of # include cs+dis. 1> int mais () int a, b, c; prints ("Enter a, b, c values /m"); scart (" 1 d / d / d", 7a, 81, 9c); st (a>b) . . h. . f. . f. . f. .) / (of (arc) / V printl("1.d", a); else prints (" y.d", c); st (b>c) printl ("1.d", b); print(" yod", c).

Daniel Build write a pregran, to which texes the selling frie or of product and cost price of the product pear the uner Now Calculate and per print posit or lass percentage. In other of which # in clude (s+dio. h) of und CP, SP Cont P, L'; printf(" Enter the Cip and sip of the scart (" +d 1 d", &cp, 4sp); of (cr < sp) S (S.P-C.P) x,000 " 1.8" (8); prist (1 = (C.P-S.P) X100; printl(" 11t", ();

3 returno;

Write a program to take marks of 5 subject from the user. Assure marks are given out of 100 and passing mark is 33. NOW display whether the cardidate Now display whether or failed. Brand and the part of the state ## include es + dis . h >

cut main () f int a, b, c, d, e;

printf ("Enter the marks of a, b, c, d, e"); scart (" I'd I'd I'd I'd I'd", 9a, 9b, 9c, 9d, 42); It (a < 33 94 b < 33 94 C < 33 94 d(33 ff e(32) privite (" past"); ; (1 h; p. 1.) /) * . prints (" tail"); return 0;

alphabet is in upper case or lower cases. # include es telio. hs ent mais () ectar a; print l'Enter a claracter"); scort ("/c", fa); st (AZ'A' 99 aZ'Z') print + (" upper caw"); prints (" lower case");

write a program to creek whether a number is divisible by 3 and 2 is clode as +dis. 1> (it main () printf ("Enter a number"); scort (" yd", qa); of (0.1.7) 750) printt (" I'd is divisible by 2", a); else st (a1.3 = =0) prints (" /d is dwi sible by ", a);

(4) write a program to check whether as no is divinite by 2 and 3. # include (s+dio.1> int main () { int a; prints ("Entel a no"); scart (" /d", & a); of (a 1.2 99 a 1.3) prints ("1'd divisible by 2 and 3", a); else printl ("Not divisible"); return 0;

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To write a program to check whether as given no is positive, regetive or zero Dell's # include 25 + dis.h>

int main() print (" Enter a no"); scart (" /d", 4 a); st (a >0) printf ("No is positive"); else it $(\alpha = \pm 0)$ prints (" No is zero"); prints (" No is negative"); return 0;

write a program to creek whether a given character in an alphabet (uppercase), an alphabet (uppercase), an alphabet (usue case), a digit of a special character. A include es +dio. 4> int main() f inta; print ("Enter a value");
scart ("Yd", 9a); st (az'A 99 a = 'Z') printt ("Opperiar"); else it (a z'a' 44 a = 'z')

printt (" lover can"); st (a 2 0) privtt (" A origit") printle (" a special character"); return 0;

Could a program to which takes the length of the pides of a triangle as an infut. Dis play whether the maybe is valid or mot pt" # includer (stalio.h)

wit main ()

f wit a, b, c; printle (" anter the side of a, b, c"); scart (" 1. d 1.d 1.d", qa, qb, 90); st (a+1>c | 1 stc>a | 1 c+a >b) print(" valid triargle"); elre prints (" Invalid triagle"); return 0;

Devete a program which takes month number of days in as month. The state of the s # include 25 + dis. 1> int main () () was to f int a; prints (" Enter a no /""); scart ("/-d", &a); of(a==1 ||a==3 || a==4 || a==5 ||a==7 ||a==8 ||a==10 || a = = 12print(" 31 dap"); else il (a = = 2) printl("28 days"); else pri el ("30 days"); return 0; (the constant of the constant