Assignment-3 non positive. Whether a gover number is positive or #Include (stdio. h) int main() int x=0; K(x>0) prints ("positive"); print ("Non positive"); neturno; Output: Non Positive. D WAP to check whether a given number is deutsible by 5 or not. #include (stde'o.h) int main() int x=20; 4(x1/05==0) printf ("dimisible by 5"); else printf!" not directrible by 5"); retwin o; output: declisible by S 3 WAP to check whether a given number is an even or our odd number. #include (stdio. h) int main!) int num = 12; if (num %2 ==0) printf ("even"); else printf ("odd"); noturn 0; output; even WAP to check whether a grun number is an even or odd operator. without wing % output even if (temp ==0) '#Indude<stdib.h> int mainl) int x=12; int temp= x61;

5) WAP to cheek whether a given number is a 3-déget number or not. Himlude (stdio.h) (nt main!) int x = 100; 16(x>99 6/2 X < 1000) prints (" 3 digit number"); printf (" not 3 digit number"); return o; 3 deget number. Output: (3) WAP to print greater b/w two numbers. Print one number it both are equal #include (stdio.h> int mainl int x=2, Y=3; if (x = = y) printf ("both are same, number is %d",x); else if (x>y) printf("% d is greater", x); else print ("1.% d is greater", y); netwon o; Deal & distinct, real & equal or imaginary roots. thendude < stdio. h> return o; int a,b,c; prints (" ax^2+bx+c=0"); Input: 9x^2+bx+c=0 print[" in Enter value of a, b & c"); Enter value of 9,660 scanf (" 1.d.1.d.1.d. ", 60, 66,60); int D= b\*b-4\*a\*c; 1+(D,>0) printf (" real and distinct"); Output: Real and destino else if (D(0) printf (" Emaginary roots"); else printf(" real and equal");

B WAP to check whether a given year is a leap year or not #include (stdio. w but main () int year = 2020; 4 ( year % 4 = =0) printf(" leap year");
printf(" Non Leap year"); output: leap year 'Alturn o; Dept to find the greatest among those given numbers.
Pount number once if the greatest number appears two or flore fines. #include (stdeo. h> (ut main!) int a=s, b=s, c=4; int greater = a>b? (a>c?a:c): (b>c?b:c); perint [" y.d", gocater); return 0; cost price and selling price of a New calculate and print profit output: 5 (6) WAP which takes the product from the user. or loss percentange #include (stdio. h) int main () float SP=10.8,CP=25.0; printf("Loss percentage is %f %%", ((CP-SP)/CP)+100); if (CP>SP) printf("Profit Percentage is %f % %", ((SP-CP)/CP)\* 100); return 0; output: Loss porcentage is 60.000004%

marks are given out of 100 and pouring mark is 33. Now displaye whether the adudidate passed the examination or #include & Adio. h int main 1 lut \$1,52,53,54,55; prints ("Enter marks of your 5 subjects"); scanf 1 95 Scarf ("xdxdxdxdxdxd",651,652,653,654, &55); int sum = S1+52+53+54+55; Input: Entermarks of your 5 subjects
50 60 80 40 55 int float aug = sum/5; if (aug >= 33) printfl" passed"); Output: Passed printf ("failed"); return 0: (2) WAP to check whether a given alphabet is En uppercase or lowercase ... #includesstdio. h> int main! char c= 'A'; if(c>='A'8&c<='z') printf("Uppencase"); else if (c>='q' bb C(='z') prints ("Lowercase"); netwin 0; (13). WAP to check whether given number is devisible by 3 1 output uppercase and demisible by 2. #include < stdeb. hs int main() d int x=24; if (x 1/2 = = 0 66 7 1/3 = = 0) printf(!'divisible by 3 and devisible by 2"); else printf !! Not deword 2 returno;

14) WAP to check whether a genen a number is demisible by 7 or diversible by 3. tint main () int x=21; H(x%7==0 11 x1,3==0) print ("Number duisible by 7 083"); return o; 18) WAP to check whether a gener rember is positive, negative or zero. #include (stelio. h> int main () int x=2; if (x>0) printf (" positive"); else(xco) else if (x<0) prints ("Negative"); print ("zero"); neturno; output: Positive. (15) WAP to check whether a given character is an alphabet (vegercose), en alphabet (vouser case), a digit or o special character. else printfl" a special case"); thinducte(stdvo. h) neturn o; output: a digit g(A)='A' bb A<='Z') if (A>='a' bb A<='z') prints ["an alphabet (Lower case)"); H(A)=101 & A(=191) printf(" a digit");

ID WAR which takes the length of the sides of a D as a most. #inelude (stdo. h) int main () int. a, b, c; printf (" Enter sides of triangle!); scanf (" 1.d 1.d 1.d", 200, 66, 60); if (a+b>c bb b+c>a bb c+a>b) printf(" Valid"); prints(" Not valid"); Dieturn 0; Input: Enter sides of torongle Output: Valed 10 WAB which takes the month number as an enjut #Include statio.h \$ (n==1 1 | n==3 | n== 8 | n== 7 | n== 8 | n== 10 print[" 31 days of this month"); H(n==411 n==611 n==911 n==11) printfl" 30 days of this month"); print[" 28 or 29 days of this month"); Output: 31 days of this month