NAME-VEDIKA DALMIA; USN-18M19CS181 Page 1.) write a menu-driven program to design a simple calculator which solves 10 operations - 4 Arithmetic, 4 relational and any two of your choice. The program should loop till the user wishes to stop #include (statio.h) #include (math: h7 void calculator (int, int); int main () inta,b; brinf ("Enter two numbers (n"); scanf (" · | · d · | · d · | · d · | · d · | · d · ); calculator (a, b); void calculator ( int a, int b) int sum result, oft; float ang; 1: Add In 2: Subtraction \n3: Multiplica -tion\n4: Division\n5: Check Equality In 6: Find greater In 7: Find smaller In 8: Cheek of sum is even or odd in 9: Average In 10: To find the squareroot of their sum In"). brint ("Enter your choice in"). scant (".j.d", g oft). Switch (opt) case 1: result = a+b; brintf (" sum" is = of d In", result). break.

NAME - VEDIKA DALMIA; USN - IBMLACSIBY case 2: if (a>b) (JH Dry and river result = a-b; 30 olse result = b-a; break; "subtraction = 1.d In", result case 3: result = a\* b; printf [" Multiplication = 1.d In", result) break. case 4: recorde degaes if (a>b) result = a/b; sold a else tra posicio posicioni di result = b/a; brint [ " Division = of din", result). (a==b) + 1 brint ( "They are equal"); brieak; case 6: if (a>b) brintf (". ].d is greater than . ].d brint (") d is greater than Idin' break;

NAME-VEDIKA DALMIA; USN-IBMIACSISI case 7: 4 (a(b) beint (" of d is smaller than break: case 8: sum=a+b; if (sum ).2 = = 0)

pointy ("Sum is even \n");
Use brintf ("sum is odd in"). case 9: sum = a+b; avg = ((float) (sum))/2. break. Average = | fin", ang); bring ("Square root of the sum:

of fin", sqrt (sum)).

break: case 10: sum = atb: print ("Enter O to EXIT or choose an option from 1 to 10 In"); scanf (".j.d", & opt). & 11 while loop 11 function

NAME- VEDIKA DALMIA; USN-1BM19CS18/ Write a C program to accept 3 mimbers from the new. Find the greater two among the three and have to the user de him. and face them as parameters to the user defined functions given below: a) sumaver (...) b) printeven (...) # include < etdio.h> float sumaver (int, int); void buintever (int, int) int main () int a, b, c, 91, 92; float avg;
printf ("Enter 3 mimbers n"); scanf ("/d/d/d", sa, &b, &c); if (a>b & a>c) gl=a; g2=b>c?b:c; gl=b; g2 = a>c? a:c. elseif (c/a ff c/b) g2= a7b?a; b. ang = sumaver (g1, g2);

pointf ("The average of the two numbers

are = 1. f In", ang); print even (g1, g2)

NAME- VEDIKA DALMIA; USN-IBM19CS181 float umaver (int g1, int g2) float aug;

printf ("The sum of the two numbers are =

·[·d\n", (g!+g2));

aug = ((float)(g!+g2))/2;

return aug; void printeven (int g1, int g2) unt i, x, y; perint ["The ever numbers b| w are: \n"). else print ("/d \n", i). 20