Program L Questions

write a me no driven C Program to design a simple calculator which solves design a simple calculator which solves to operations—to arishmetic, 4 relationed to operations—to arishmetic, 4 relationed and any two of your chioces. The program and any two of your chioces. The program and any two of your chioces to stop.

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TBW13CS3TE
                               Yashaswin 8hah
                                  18/09/2020
Program I.
#include Lstdio.h.2
 void main() ?
  int num 1, num 2, opt;
  char answer;
  do ?
  printf ("I-Addition. In 2. - Substraction. In 3.-
         Multiplication. In 4-Division. In 5-Greater.
          In 6-Smaller. In. 7-Equality. In 8.-Greater
          Than or Equal. In 9-Square. In 20-
           Cobe 10")
  printf (" In Input the number of your option: ling);
   scanf(""d", Lopt);
   printf ("Enter one first number:");
   scanf (".v.d", knum1);
   printf ("Enter The second number: ");
   scanf ("1.d", I num 2);
 Switch (opt)
 case 1:
 printf ("The Addition of 1.d and 1.d is : 1.d/m"
          runt, run 2, run L+rum 2);
 break;
  case 2:
  printf ("The substration of V. d and V. dis: V.d In
          nom1, nom2, nom 1-nom 2);
  breaks
  case 3:
   printf ("The multiplication of xd and v.d is
            rd /n", num I num 2, num 1 x num2);
  break;
```

page in

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case 4:
   printf("The second integer is zero. Divide
  if (num2 ==0) &
          by zero. In");
   printf ("The Division of 1.d and 1.d is 1.d In",
        nom1, nom 2, nom1/nom 2);
                  + F("The Number V.d is
        elsmonetino, e' borno porgo
 case 5:
 if (num 1) num 2)
 printf ("The Greater number is 1. d", numl);
           : (Imontinunaby of Disers
 printf ("The Greater number is "d", num 2);
 break;
if (nom 1 2 nom 2) ( Livery & Line)
printf ("The smaller number is 1/d", numl);
else ?
print f (" The Smaller number is 1. d'inm2);
 break;
case 7:
if (num ==num2)
printf ("me number are Equal");
```

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else
printf ("The numbers are not Equal");
break;
case 8:
               1 Timber
if (num 11 = num 2)
printf ("The Number V.d is greater than or
      equal to v.d ", num L, num 2);
else
printf ("The Number 1.d is greater than or
      equal to 1. danuminum 1);
breaks
case 9:
printf ("The square of rdis xd In", numla
        wml*num1);
printf ("The square of 1. dis 1. dln", num2,
        num2 * num2);
break
case 10:
printf ("The cube of x,d is xd In", num is num
         *mm1*mm1);
printf ("The cube of "dia "dia" ding num29
        mm 2 x num 2 x num 2 );
breaks
default:
  printf ("Option not available (n");
a break;
```

page 3

print f ("1/.c", Lanswer); while (answer == 'y' 11 answer == 'Y'); 6(0,+00 1,21)-P1

110 / COVYCU Program 2 Question: (Italian) = ! Write a C program to accept Mores winders from the user. Find one greater mo among the three and pass them as parameters to the user defined findions given below.
a. sum over (!) which finds and prints sum and avorage. b. printeuen (...) which prints all the even numbers behveen the given ho 10 OPENINO VITY) 77,00 mombers.

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TBWT3C2518
                               yashas w.
          Program 2
#include Lstdio.h.)
float sumaver (inta, int b)
 printf ("The sum of two largest number is
 rebrn (Float) (a+b)/2;
int printfeven (intkrint n)
 printf ("Even numbers in between "d and
         49:12, 8 Kausa 11 4 200, plas
  For (int i = K; i kn; i++)
      if (i / 2 = = 0)
     printf ("% aln", ");
int main ()
 int n = 0, i = 0, largest l = 0, largest l = 0,
 temp = 0;
 int array [n];
 Float aug;
printf("Enter the once numbers: h");
 For (i=0; 1 23; 1++)
   scanf ("1.d", Larray [:]);
```

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butt Culuni,
largest 1 = array[0];
largest 2 = array[1];
ic Clargest 2 Llargest 2)
                          temp = largort
    temp = largestl;
                         1000 1 = Loso 24
    largest 1 = 1 argest 20
                            avoist 2 = temps
    largest 2 = temp;
 Por Cint 1=2; 123; it +)
    ;f (array [:] ] Largest1)
        largest 1 = largest 1;
largest 1 = array [:];
  else if Carrayti] 1 largest 2 && arrayti]

!=largest1)
     Targest 2 = array [1] i
            way bord sould sold promis ou
printf ("The Largest number = "d'm", largest!)
 printf ("The second largest number
       largest 2);
 aug = sumaver (largest 1, largest 2);
 printf ("The average of two largest number is "fin", and );
print even (largest 2, largest 1);
 rehm 0;
```