week I.

1) write a mone driven C program to design a simple calculation which solves 10 operations - 4 Arithmetics 4 Relational and any swo of your choice. The program should loop till the uson wishes to stop.

by # include < stdio. h> int main () int coarbili

Point f (" Bers the number to chance the operation: In"); print f (" 1) Add (n"). point f ("2) Substract (h");

point F(" 3) Multiply (n"); point f(" 4) eivide (n");

print F(" 5) Modulus ( n"); print F(" 6) areata Hom (n");

printf (" 7) darson ston (n"); point FC " 8) Equal do (n");

point f("a) Not equal to \n"); point f C"LO) Increament (n");

points (" enter two numbers to perform the selected deation: \n');

Scanf C" % d " d", 8a, 8b);

switch (i) e rose I: print f ("%d+%d=%d \n", a,b, a+b); breaz; point f (" 1/2 - 1/2 = 1/2 (n ", a, b, a - b); be borat; point f (" %d x % d = %d \n", a,b, a\*b); some 4: paint f ("% d/ %d=%d/n", a,b,a/b); break!

case S: pointf (" " d mod " d = " d \ n", a, b, a 1/2 b): break; rose 6: if (a>b) point f C" 1/2 > 1/2 \n", a, b); e joint ( " %d > %d \ n", b,a); che (ore 7: if (a <b) point f (" 1, d < 1, d \ n", a,b); 8 point ("% d < %d\n", b,a); rose 8: if (a==b) Eprint F (" 1/2 = 1/2 (n", a, b); point f (" /. d! = /. d \n", b, a); (ore 9: if (a!=6) Epintf(" %d!= %d\n", a, b);

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3

( S. )

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ehe
 point f(" 1.2 = 1.2 \n", b,a);
 Laze 20: pointf("/.d++ = %d in", a, a+1);
           printf (" 1/d++ = 1/d \n", b, b+1);
 breases default: printf(" wrong Input!\n");
 Birth ("Press L to perform calculation again In paint ("Press any other key to exit In");
  scanf (" 1. d", 8 c);
  of (c:=1)
breck's
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(9.2) write a C program do accept those numbers from the user. Zind the gooden two among the there and part thom as parameters to the usen ddined functions given below.

a) sumaver (...) which finds the sum and average of the Justin Juso numbers. Point He sum and roturn the average.

b) printeven (...) which prints all the cum numbers between the given two numbers.

4 include cstdio.h) int summer (inta, intb)

TBW TOC 2TE A 005 SUSHANT. int sum', id sum = a+b; paint (" surn = % od \n", sum); rature sum/2; void printeren (inta, intb) int small, big; int (azb) c small = b's big=a's small = a; رط = ونط point f ( " Even numbers between two numbers are: 1 pondit = small + Lji < big; i++) ( Ci% 2 = 20) paint f ("/.d(n", i); int main () int a, b, c, aug, 91,92; part F (" Enter three numbers: \h"): sconf ("% d % d % d, 80,86,8 c); ig (c < a 88 c < p) Scanned with CamScanner

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gl = a;
 g2=bj
geneil Chéa 8866C)
 g2 = c',
Je
Se
 92 = 0;
brink f ("Average of the two numbers is: ", of \n," aug);
printeren (gl, gz);
```