PRIYA

1BH19cs176 D1 Batch

i white a menu driven c program to design a timple calculator which wolves to operation.

4 tertimetic, to kelastional and any two of your choice. The program should loop till the user withis to stop.

# include < Hdio. N>
ind main()

2

int ca, b, i; while (1)

1

printf (" PRESS THE NUMBER TO CHOOSE THE OPERATION: \n");

Printf ("1) Add (");

Printf ("2) subhact \n");

Printf ("3) multiply \n");

Printf ("4) divide \n");

Printf ("5) modulus \n");

Printf ("6) greater than \n");

Printf ("7) lever than \n");

Printf ("8) equal to \n");

Printf ("8) equal to \n");

by with ("10) in prement (");

Scanf (".1.d. 1.d", laseb);

```
care 1: privif (".1.d + 1.d = 1.d \n", a, b, a+6);
   break'
case 2: print[". l.d - .l.d = .l.d \n", a, b, a-b);
     break; s: privity (".1.d*.[.d=.1.d\n",a,b,a*b);
care 3:
     break;
 cone 4: printf (".1.d /.1.d = 1/.d \n", a, b, a/b).
      buak;
  care s: prints ("· 1.d mod. 1.d=1.d \n', a, b, a.l.b);
       break;
   (arb)
      Printf (" 1/1d > (1.d \ a, b);
     else
       prints (".1.92.1.9/w, p'a)
      break ,
    caut: if (a < 6)
      pring("·1·d<·1·d/n", a, b);
       else
        printf (".l.d < .l.d \n", b,a);
        break;
```

```
cous: if (a==b)
     Printy (". [.d=. 1.d \n", a,b);
      else
        Printf (". (.d=, /.d \n", b,a);
        buak',
   cove 9: if (al.=b)
       printf("./.d!=.(.d\n",a,b);
         print (". (.d != .(.d \n", b, a);
        break,
    Core 109:
    Printf (" · lid+ = · lid \ n", a, a+1),
    Printy (".1.dH=.1.d\n", b,b+i);
      break;
    default: printf("WRONG INPUT!, \n");
Printf ("Press 1 to perform calculation again) in
       press any other key to exit \""";
 Scarry (". j. d", & e),
   if (ci =1)
    break; 444
```

## Output

PRESSTHE NUMBER TO CHOOSE THE OPERATION.

17 add
27 subhart
37 mustiply
h7 divide
57 modulus
67 greater than
47 lener than
87 equal to
97 not equal to

2 Enry two numbers.

8 7

8-7=1

Press 1 to perform calculation again press any other key to exit

0

VAKAMALLA

KEERTHI PRIVA

1 BHLIGCSITC

DI BOUCH

tron the user. Find the greater two among the three and pass them as parameters to the user defined functions given below.

average of the two neembers. Print the rum and return the average.

b. printeven (...) which print all the even number between the given two number.

#include < itdio. n>
int sumower (inta, int b)

int lum;

wm: atb;

printf ("sum: 1.d\n", wm);

return lum/2;

your printenen (inta, intb)

int small, big;

if (a7b)

int and = a;

big=b;

```
Printf ("even numbers between two
int is
for (ic , mall +1; i < big; i++)
 if (1.1.2=20)
  print (" 1,d \n", i);
  int main ()
 int a, b, c, ang, 91, 92;
  Printf ("enter three number: \n");
  scomf (".1.d.1.d.1.d", 2a, 26,2c);
  if (cca llecb)
    g 2 = by
    91= a'
```

```
avg = numaver (g1, g2);

printf ("average of two numbers is:/d/hs,

printenen (g1, g2);

avg);
```

output.

enter three numbers:

6 12 22 Sam=34 averag of two number on:17

even numbers between two numbers are;

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20