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1BM19 (5090
Experiment -1
                                   5 Mohammed Brokens Ratil
                  menu diven ( program to disign
a) Write a
     a simple calculator which solves
                                             10 operations -
     4 Antheretic, 4 relational and any two of
           choice. The program should
                                            loop till
         user vishes to stop.
      the
code.
     #include (stdio.h)
      # include ( conio. h)
      int main ()
           chas flag;
            int num, num 2, rosult =0;
            while (1)
              print f ("In Enter First Value:");
               scanf (" 1.d", & numi);
               print f ("In Enter Operator In + (addition), In
                       - (subtraction), In + (multiplication), In
                       1 (division), In 1 (remainder), In
                       A ( num! (to the power) num; ), In
                       < (loss than ?), In (greater than?),
                       In = (equal to?), In! (not equal to?)
                       In (n');
               scanf (" /.d", & num 2);
              switch (flag)
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result = num (+ num 2;

break;

printf ("In sum is = 1d", result);

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case '-'
result = num 1 - num 2;
prints ("In Difference is = 1.d", result).
print f ("InIn Enter Value Again for a New Input In").
 break .
case \ *
result = number 1 * num 2.
printf = ("In Product is = 1,d", result);
prints = ("In In Enter value again. For a New input In").
break,
case 1'
result = num 1 / num 2
print + ("In Quotient is = 1.d", result);
print f ["In In Enter value again for a New ExputIn"]
case '/.'
result = num 1 / num 2;
print f ("In Remainder is = 1.d", result);
print f ("In In Enter value again for a New Enput In").
break;
cose >
if (num 1 >> num 2)
     print f ( " yes ");
     printf ("In In yes");
     print f ("In Enter Value Again For a New Impathis)
 break ,
 Case = - -
  if (num 1 = num 2)
       printf ("yes");
                          2
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printf ("Inln w");
   printf ("In Enter value Again for New Input In")
break;
case ' n '.
print f (" 1/1f", pow (num!, num 2))
 break;
 case 'l':
 if (num! == num 2)
      printf ("no"):
  else
       printf ("Inly yes");
       print f ("In Enter value Again for New Exput In),
  break;
  défault:
   print f ("In Enter value Valid operator!!! (n');
   print f ("In In Enter value Again For a New Travet la
  return o;
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