Assignment (14)

O write a program to Calculate the sum of numbers Stored in an averay of Size 10. Take averay Values from the user user.

4 # include (stdio. h) int main () int x[10], i, s=0; Printf ("Enter 10 number \n"); For (i=0; i<10; i++)/ Scamf (" >d", &x(i)); S=S+ X[1]; Printf ("sum of 10 numbers = >:d", s); return o;

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2
    write a program to calculate the average of numbers stored in an
     armay of Size 10. Take armay values from the user.
        # include < stdio. h)
          int main()
            int away (10) = (1,9,7,4,5,6, 11,8,2,0);
            int Sum, i;
            Float any ;
            Sum = avg = 0;
            for (1=0) (<10), (++)
               Sum = Sum + array[i];
            any = (float) Sim/1;
            Prints ("Average of Annay Value is 1.25", any),
           return 0;
3 write a program to calculate the sum of all even number and sum of
     all odd numbers, which are stored in an array of Size 10. Take
     array values the user.
       #include (stdio.h)
        int movin()
        fintodd sm = 0, evensom =0;
        int i, size, a[10];
         Printf ("Enter a number!");
         "KANT WOUNGERING", Seonf (""Xd", $8" 72),
         Prints (" buter the array no. In ! ");
      For (1=0; ichize; i++);
      Printf ("In the Sum of even womber is
         Sconf ("/d", 49[i]);
                                                       this Array = 1/2 " Even-Sum);
                                              Print (" In the Sim of odd numbers is
         For (1:0) ( Size; 1++)
         ( acij %2 = =0)
                                                    this Averay = //d", odd_Sum);
           Even - Sum = Even - Sum +a[i];
          else
           odd-som = odd-som+a(i);
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4 write a program to find the sneatest number stored in an average of Size 10. Take away values from the user. # include < stdio. h7 int main () int a cod = { 2, 45, 34, 75, 24, 78, 65, 33, 24, 56}; int i, max = -999999; for (i = 0; ix10; i++) if (max < a [i]) max= a [i]; Printf ("max value is %d", max); write a program to find the smallest number stored in average of Size 10. Take array values from the user, # include < stdio. h7 int main () inta (10), 1; Printf ("Enter 10 number \n"); for (1=0; i(=9; i++) Sconf (" /d", &a[i]); if (a [i] < a [o]) 9(0) =a[i]; Printf ("smallest number in the away = "d", a (O]); returno; write a program to sort elements of an averay of Size 10. Take avoray Values from the user. #include (Stdio.h) int main() Int a (6) = {2,45,34,75,24,78,85,33,24,56}; int i,j, temp;

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for (i=0; i(9; i++)
                                                      acios;
        For (3= (+1; j<10; j++)
                                                  Prints ("Enter 10 number (n"))
                                                  Roy (1= 0)1 (10; 1+4)
           if (a [i] >a[i])
                                                    Sconf (" " 4 ", 4a (i));
                                                    for (1=0)((9; 14+)
             a[i] = temp;
                                                    for (j= i+1; j <10; f++)
                                                       if (a(i)) a (j1)
        For (1=0;1×9;1++)
       return 0 /
Durite a program to find second largest in an averay. Takes average
     Values from the user.
     # Include (statio.h)
       int main ()
      finta[100], i, n, larges t=0; Salargest =0;
         prints ("Enter the size of the average");
         Scort (" >d", An);
        Prints ("Enter the Values in the averay: ");
        For (1=0) 1(=n-1; 1++)
          Scanf (" %d", 4a (1));
          larges + = 9 (0);
           for (i=1; i(=n-1; i++)
              if (a(i) > largest)
                S= largert = largert;
                larges + = a [i];
              Telse.
                  it (a [i]> S-largest &fa [i] < longest)
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s-largest = a [i];
     Prints ("The layest value in the away is %d \n", largest);
     Printf ("The second largest Value in the array is % d' S-largest);
     return 0;
        program to find the second Smallest number in an
Take away Values from the user.
    #include(st dio.h)
    int moin ()
      int a (20), b[20], n, sml = 0, [i, j, temp;
      Printf ("Enter the number of terms;");
      Scomf (" > d", (n);
      Printf ("Enter thenumber: \n");
      for (i=1; ic=n; i++)
        scomf (" xd", 40(1));
         bCi] = aCi];
        for (i=1; i =n; i++)
            if (aci) <= a[])
              temp = a (i);
              a (i) = a[i];
              a (j) = temp;
         Prints ("In The array Elements are: \n");
       For (i=1; it=n; i+1)
        Printf (" xd In ", b(i));
       Printf ("In second smallest plement is! "d", a [2]);
       setum (0);
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write a program in c to read n number of values in an average
 (9)
     and display it in reverse order. Take away Values from the user.
     #include (stdia h)
      int main ()
       int a Crood, i, n, loyerd = 0, s-largert = 0;
        Prints ("Enter the size of the away: ");
        Sconf (" xd", &n) /
        Printf ("Enter the Values in the array".");
        For (120; ( <= m-1; 1++)
        Scanf ("xd", Ra Ci]);
         f printf ("xd", a (i]);
       return 0;
(10) write a program in c to copy the elements of one array into
     another averay. Takes averay Value from the user.
   Hinch de (stdio.h)
     int main()
       int a (100), b (100), i, n, largest = 0, 195-largest = 0;
       Printf ("Enter the size of the array!");
       Sconf (" /d", &n);
      Printf ("Enter the Values in the averay ! ");
       for (1=0; 12=n-1) (++)
       Scort (""d", Aa[i]);
```

b[i] = a[i];

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