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College-VSSUT

**Group 11** 

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ASSIGNMENT WEEK - 2.
1. Write a C program to calculate the sum of digets
  of a number:
                                se if (Percentage >= (10)
 #includ & stadio. & >
  int main
  int n, sum=0, m;
  prints ("Enece a number:"): (I stoop or!") juring
  scanf ("1.d". en)
  while (nyo)
                                              CO MUNICIPAL CO
 { m = n % 10;
   Sum = Bum + m;
     n = n/10;
  prints ("Sum = % d", sum);
  return o.
d. Print the sum of all the even elements and even
 position elements in an averay.
 int main.
Tint areay[100], i, num, final sum, sum;
  printf ("Enter the size of an away In")
  Scary ("%d" & neum);
  prients ("Enter the Elements of the array in")
   forc(i=0; ixnum; it+)
 I scanf ("%d", away [i]);
  for (i=0; ix num; itt)
  f if (averagei] 1. 2 == 0)

sum + = average [i];
s for (i=0, i < num; i+=2)
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Final sum = sum + away til.
 print ("Total sum = "/d", final sum);
Count the total number of worlds in string.
 int main .
 E char [ 50];
  int /i, worlds; .
   prints ("Enece dry string: "),
    scang ("1. ch", (str. [50]);
    1=0%
  prints ("Enter a string: ");
 scanf ("%", str ) }.
  1 = O.
 words = 1.
 while ( it [ i ] ! = '10')
    if ( sen[i] == " ' 11 stor[i] =" \n" 11 sen[i] == "+")
  words + +.
  i++.
priorth ( Total no. of words 1. d", words);
netwen 0;
```

```
Find the largest and smallest element in any acrea
 #include & stadio. h>.
  int main ():
    int a [50], i, n, largest, smallest;
    prints ("Entre the number of elements:");
    scanf (" 1.d",2n);
    print (" In Input the away elements: ");
    for (i=0: in; ++i)
     scang ("7.d", & ali]):
     largest = smallest = atoj;
     for (i=1, ixn; tti)
      Eif (ati] > largest)
        largest = atil; corner (1)
       if (ati) < smallest)
        smaller = a[i];
      prients ("In Smallest element % d (n", smallest)
      printf ("In largest element % d In", largest)
      seltwen 0;
```

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5. Write a program to paint given pattorns using
  # include Katdio. h>
  int main (void)
  Eint n, m;
  prints ("Enew the number for space");
   scanf ("%d", 2 m);
   m = 2 * n - 1 ;
   for (int is); ik=m; it+)
  E forceint jes; jem ; jet).
    {
    if (i==j | | j==(m-i+t).
     { printf ("*").
      else
      { print { (" ").
     print ("\n");
     netwin 0;
```