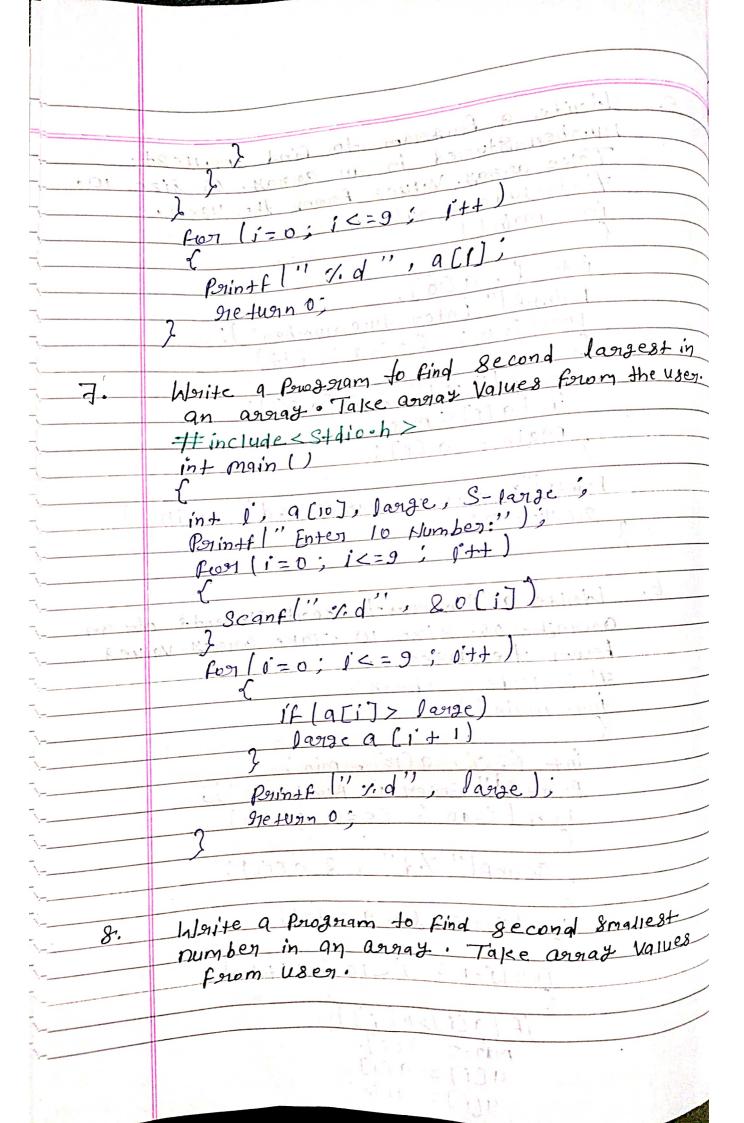
## ASSICHMENT-1+

```
1. Write a program to calculate the sum of
   numbers stored in an array of size 10.
   Take array Values forom the 118 en
    The include & Stdio oh ?
     int main ()
        in+ i, Sum = 0, a (10);
        Perint f (" Enter 10 numbers: ");
        for (0=40; 0<=9; 0°++)
         Scapf l' % d', a [i] ];
        For (0=0; 0<=9; 1++)
        Sum = Sum + a [i];
        Paintf ("Sum is: ". d') Sum);
        91 etyan 0;
    lalgite a Broggam to calculate the average of
2.
     numbers 8-toged in an array ob size 10.
    Take annay Values from the Usen.
     # include < Stdio.h >
     int main ()
       int i, a [10], Sum = 0;
       Paint F (" Enten 10 Numberse"
       Sam = for (120; 120; 14+)
        Scanfil" Vid", a Cill;
        Sum = Sum + a [i];
       av 2 = sum /10.0;
       Printe !! Avenage is: 1. f., ava);
       91e+42m 0 %
      LXELLS LA ELISTE AND ASSESSED " A LANGE
```

3. Write a program to calculate the sum of all even numbers and sum of all odd numbers which are stored in an array of size 10. Take array values From the Ben. # include < Stdio.h > int main () ADD ( Krodinul int i, a CIO], Sum of even =0, Sum of odd=0' Printf ("Enten 10 Numbers"); foot ( i=0; 1 <=9; 1++) Scanfl' %d", & a [i]; if (9 Ci] 1,2 ==0) Sum ob even - Sym ob even + a Cij; else Sum of odd = sum of odd + a [i]; Paintfl sum of even numberis . 10 d \n', Some of Put ]; Paring Fl Sum of odd Number is ; Yod \n' sum of odd) 1 ale and Molles Frion and Write a Program to Find the greatest number 4. Stored in an array of size 10. Take army Values forom the usey. # include < stdio. h > int main () int l, a [10], max = 1, 11 let max = 1 Printf (1 Enten 10 Numberg: " For ( i=0; 1'<=9; 1'++) scanf (" J.d", & a Ci]j if | a ci]> max) max=a [i] Printf (" Orgreatest number is y.d, max];

```
Inderite a Porogeram to Find Smallest
  number stored in an array of size 10.
   Take array Values from the User.
   # include < Stdio. h>
   int main ()
    in+ 1', a C10],
    Popintf [" Enter two number");
     Ferlizo; 1<=9; 1++)
   Scanf (" /d", & [a[i]),
      ic | a [i] < max)
     main = a [i];
   Printf "Smallest number 18 yod", min
   gregunn o;
  Idente a forogoran to 807+ elements of an
6.
   annay of 8ize 10 . Take annay values
   forom the USET.
   # include < Stdio h>
   int main ()
     in+ (, J, 9 (10), min;
     Posintf! Enter 10 Humber: ");
      Posy (1=40; 1<=9; 1++)
       Scanfl" /d", & a cijj;
      for 10=0: 1 d < 9 ; 1++)
       For 15=1; J'<10; itt
        If (aci]>0[i])
          man = a ci]
          acija acij
           9[i] = min;
```



state include & stdio has a strick of int l', a [10], small; Printfl" Enter 10 Number: Scanf [" 16 d", & a [i]); For (1-9; 1>=0; 1--); if- (a [i] < Small) Brintf "second 8mallest inlumber is; "d", Small). Weite a Renozeram in C to gread a number of Values in an array and display it in neverse Onder. Take armay values from the user. # include < Stdio.h > int main () int é, 9 [10]; Paintf ["Enter 10 Numbers: \n"); for (1=0; 1<=9; 1++). Scanf (" 1.d", 2a[i]); grefuen o:

Inlaite a Rowgenam in a to Cappy-the Clements ob one array into another. 10. annay. Take annay values from the User. # include < Stdio.hz int main () int l, a CIO]; b[10]; Printf [" Enter 10 Numbers!"
for (1=0; 1<=9; 1++) Scanf ['' %, d'', & a (i]); b [i] = q (i]; Parintf (" % d", b [i]); 918 Juny 0; 9. White, a pring stay in C. to exceed a number of Values in an anong. and display It in