```
Week & program:
3) #include (stdio.h.)
   void main()
        printf ("Enter marchin of n= ");
        scenf (" / d", Vn);
        # (i=1; i<=n; i++)
           (ببيز زن= > ز زا = <u>ا) به</u>
            plint( * x d ", num + );
          plut ("E(n");
4) #include (stdio.h>
  int main ()
      [loat clemants [5] sec_work [5] $ final_malki=0;
      printf(" Enter the (IE marks out of 50: "/n");
      for(i=0; i<5; i++)
       printf("Subject >d: ", i+1);
        Stanf (" > f", drie norty [i]);
      printf ("Enter the JEE north out of 100: \n");
      for (1=0; i45; i++)
       But (" dubject xd: ", i+1);
      Sanf (" x &", I see_ marks [i]);
```

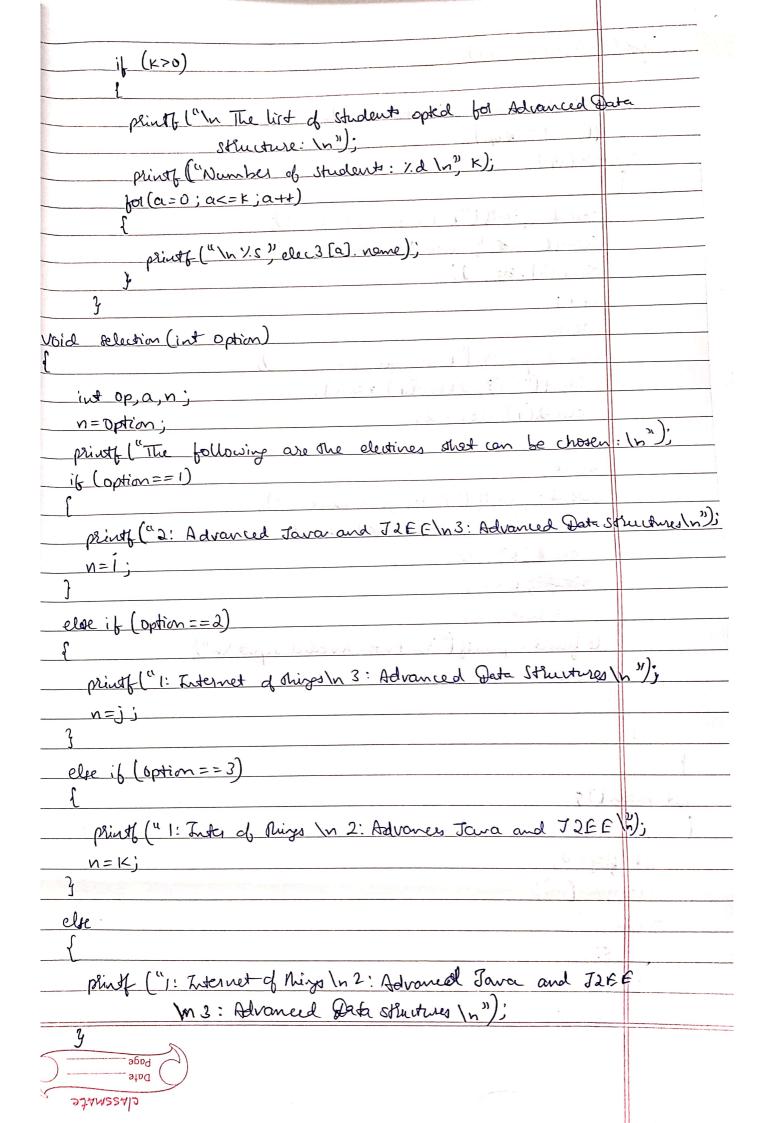
```
for(i=0;i<5;i++)
     final malts + = cie_mark [i] +(see marks [i]/s);
   final_marks = final marks /5;
  if (final-males >=90)
   printf ("In The final stade I: S");
    else if (final_nolk >= 80)
  plints ("In The friend Stade is: A");
   else if (final-notto >= 70)
  printf(" In The final plade is: B");
  else if ( finel_nortes >= 60)
   print[ " In The Find grade is: (");
else if (final-males >= 50)
   printf("In The find grade is: D");
else if (find_ morts >= 40)

printf("In The Final plade is: E");
elx
printf ("In The find glade is: F");
return 0;
```

```
Kez
     5) # include (stdio.h)
        int main!)
         int i,j, n, m, bloy;
         printf ("Enter the starting number: ");
         Scarft" /d", dm);
          printf (" Enter the ending number: ");
          Sauf (" 1.d", dn);
          for(i=m;i<=n;i++)
            flag = 0 j
          for(j=2;j<=(\(\gamma\);j++)
                if (iy.j==0)
                   fly = 1;
                   bleakj
             if (flag = =0)
               plint{ (" /. d ", i);
          3
          return O'
    6) #Include Cstdio.h>
      #include < math.h>
      int main ()
       it, i, qo tui
       bloat area, volume, r, hi
       while (1)
         printf ("In Calculation of the and volume: ");
```

```
2 printfe!" In Enter '1' for cylinder In Enter 2' for come In Enter 3'-
              - ber sphere in Enter o' to EXIT");
plint ("In Enter your reponse: ");
scanf(" /.d", 20p);
if (0p == 0)
    breekj
  else if (op>3)
      print[(" Conter a valid response");
    continue;
plints (" In Enter the radius: ");
scarf (" 1/ 1/ 28);
printp (" & Enter The height: ");
sanf ("/, f", &h);
Switch (OP)
     Cose 1:
   are = (2*3.14* 1*h) +(2*3.14 *1 *1);
  Volume = (3.14 * 1 * 83 * h);
   breek;
   case 2: 1 hornors
   are = (3.14 * 1 * (1 + 398 t (h*h + 1*1)))
   volume = (3.14* x * x*h)/3; 1/1.
   bleck;
   case 3:
   are = (4 x 3.14 x x x x);
  Volume = (4 + 3.14 x 3 + 2 x x)/3 j
   weak;
  pint ("In The Ass i Y. f In The VOLUME: Y. f", aree, volume);
 return of
    CLESSMALE
```

```
7) #include <stdio.nz.
 Stleet students_ electives {
     Char name[10];
     int elect;
    1
  Struct student - electives elec 1[10];
 struct students - electives elec [10];
 struct students_clarines clac3[10];
 int i=0 , j=0, K=0;
 void display ()
    in a, b;
     ib (120)
       printf ("In The list of students opted for Internot of Things: \");
       Printf ("Number of student: y.din", i);
       for (a=0; a<=i; a++)
       plintf ("\n". S", elec 1 [a).name);
    if (i>0)
      printf- ("In The list of students opted for Advanced Java-
                - and Jake: \n");
     plints ("Number of students: xd \n",i);
     to (a=0; a<=j ja++)
       printf ("In y.s", elect [a]. name);
    4.
```



```
for (a=0; acn; a++)
       printf(" In Enter your choice: ")
       sauf (" xd", dop);
      Switch (op).
          Cose 1: plintf ("Enter your name: ");
          Scouf(" "dr") Delecti] hame);
          elect [1]. elec=1;
          1++;
          cose 2: print ("Enter your name: ");
          scenf (h., s"), selochi) name);
           elecalis. elec=2;
          Ú++;
          bleck;
         (ate 3: printf ("Forter your name: ");
         scarf ("Y. 5" & ele, 3 [x]. name);
            eleas(K) elec = 3;
           K++;
              breek;
          de fault: printf (" In Enter avalid input ("));
         blok;
  ? ( ) man by
    int flag=0;
    selections (10);
    display ();
<u> [ [ } €3 )</u>
          fly=1
```

printf ("In the no. of students in IOT are less to	ence those
student need to reselect their elect	dire \n')
Selection (1);	
i=-1;	
2	
else if (i < 3)	
d (18 (1823)	
10 1.	
plintf (" In The wo. of students in Advanced Jan	ra and JZEE
are less house students med to M	we lest thair electively
are less house short students vie à l'	73.O====
Selection (2);	
)=-1,'	
che if (K<3)	
flog = 1;	
as of Charles I as the Advanced We	tasthethre are
print (" In The no. of Students in Advanced De	eta structure are
less hence Those students need to retel	ed their electivels")
(ess hence Those students need to rebel Selection (3);	ed their electivelis')
less hence Those students need to retel	ed heis elletireln")
(ess hence Those students need to rebel Selection (3); K = -1;	ed meis elletireln')
(ess hence Those students need to rebel Selection (3);	ed their electivels")
(ess hence Those students need to rebell Selection (3);  K=-1;  if (flog==1)	ed their elletirelis')
(ess hence Those students need to rebel Selection (3); K = -1;	ed their elletirelis')
(on hence Those students need to helpel  Selection (3);  K=-1;  if (flag==1)  display ();  3	ed their elletireliss)
(ess hence Those students need to rebell Selection (3);  K=-1;  if (flog==1)	ed their elletirelis')
(os hence Those students need to rebel Selection (3); k=-1; } if (flog==1) d display (); } return 0;	ed their elletirelis')
(os hence Those students need to rebel Selection (3); k=-1; } if (flog==1) d display (); } return 0;	ed their elletirelis')
(os hence Those students need to rebel Selection (3); k=-1; } if (flog==1) d display (); } return 0;	ed their elletirels")
(os hence Those students need to rebel Selection (3); k=-1; } if (flog==1) d display (); } return 0;	ed their elletirels")
(os hence Those students need to rebel Selection (3); k=-1; } if (flog==1) d display (); } return 0;	ed their elletirels")
(as hence Those students need to rebel Selection (3); k=-1; } if (flag==1) display (); } return 0;	ed their elletirels")

J O N m