Syntax Errors In May Del

- () [vint am [10];) coult in away size is always allowed fint n = 10; Variable in away six, is allowed by int am [n]; Might it is an ever TC
- @ int am [0]; X
- D) int ca. []; Size count be left empty except in 1 special can.

Justializing In Aray [Internalized of the marker [12] = { 31, 28, 31, 30, ... 31 }; marker [0] = 31; marker [1] = 23; marker [2] = 31; X marker [1] = 31; X marker = { 31, 23, 31, ... }; marker [1] = 31;

WAP to create an integer array of size 10, accept values from the user in it and finally display the sum and average of all array elements.

```
and
                                                    وير
#include <stdio.h>
                                                    15
int main()
                                                    40
{
  int arr[10];
  int i,sum=0;
                                              ч
  for(i=0;i<=9;i++)
                                              (
                                              ۷
   printf("Enter a no:");
 scanf("%d",&arr[i]);
                                              7
   sum=sum+arr[i];
                                              ъ
printf("Sum is %d",sum);
                                               9
printf("\nAvg is %f",sum/10.0);
return 0;
}
```

Modify the previous code so that now we display the sum of even nos and the sum of odd nos of the array separately

```
1-0123
#include <stdio.h>
                                                       (2)
int main()
                                                        15
                                                       (13)
 int arr[10];
                           Sue = 0 +20=>20
                                                         29
                                                  3
 int i,soe=0,sod=0;
                                 20-13=>58
                                                         11
                                                  ч
 for(i=0;i<=9;i++)
                                                         31
                                                  Ś
   printf("Enter a no:");
                                                        (43
   scanf("%d",&arr[i]);
                           Sul = 0+15=>15
                                                        (13)
   if(arr[i]%2==0)
                                 15+24 = 44
                                                         19
       soe=soe+arr[i];
                                 44+11 =>55
  else
                                                         2ζ
       sod=sod+arr[i];
                                Yamli] 12==0) ? (Suc = Suc +amli)
                                               : (sot = Sot + an(il).
printf("Sum of even is is %d",soe);
printf("\nSum of odd is %d",sod);
return 0;
}
```

Again modify the previous code so that along with sum we are able to display the average of even and odd nos also.

```
1-0123
#include <stdio.h>
                                                       O
int main()
                                                             15
                                                            (13)
  int arr[10];
                                                      2
 int i,soe=0,sod=0,count=0; Sue = 0 +20=>20
                                                              29
                                                      3
                                   2-13=>58
  for(i=0;i<=9;i++)
                                                              11
                                                      ч
                                                              31
   printf("Enter a no:");
                                                      Ś
   scanf("%d",&arr[i]);
                                                             (43)
                                                      6
   if(arr[i]%2==0){
                             Sul = 0+15=>15
                                                             (LZ)
                                                      7
       soe=soe+arr[i];
                                    15+24 = 44
       count++;
                                                              19
                                                      3
   }
                                    44+11 => 55
                                                              23
                                                      9
  else
       sod=sod+arr[i];
printf("Sum of even is is %d, Avg is %f",soe,(float)soe/count);
printf("\nSum of odd is %d,Avg is %f",sod,(float)sod/(10-count));
return 0;
}
```

WAP to create an integer array of size 10, accept values from the user in it. Then again ask the user to input another number and SEARCH it in the array. If the number is present then print ots POSITION otherwise print the message number not found. Assume that the array contains unique elements only

