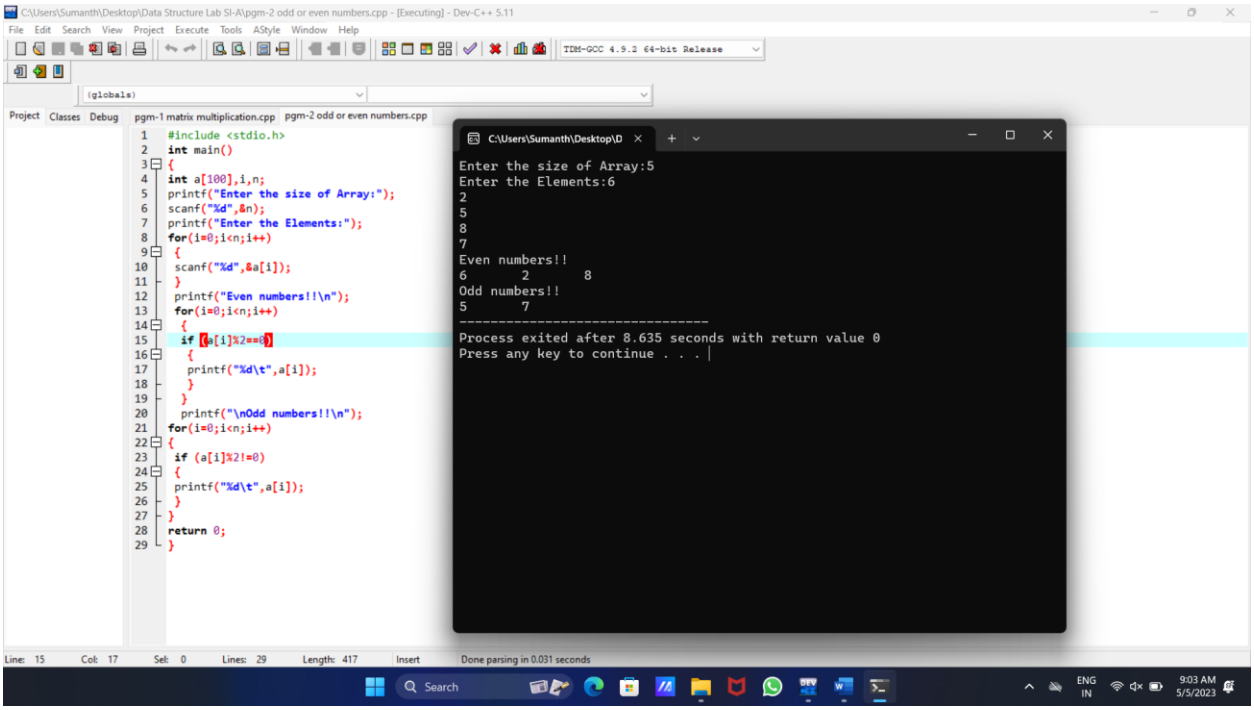
```
/* 2.Write a C program to find Odd or Even number from a given set of numbers */
#include <stdio.h>
int main()
{
int a[100],i,n;
printf("Enter the size of Array:");
scanf("%d",&n);
printf("Enter the Elements:");
for(i=0;i<n;i++)
 {
 scanf("%d",&a[i]);
 }
 printf("Even numbers!!\n");
 for(i=0;i<n;i++)
  {
  if (a[i]%2==0)
   {
   printf("%d\t",a[i]);
   }
  }
  printf("\nOdd numbers!!\n");
for(i=0;i<n;i++)
{
 if (a[i]%2!=0)
 {
 printf("%d\t",a[i]);
 }
}
return 0;
```

}


C:\Users\Sumanth\Desktop\Data Structure Lab SI-A\pgm-2 odd or even numbers.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
pgm-1 matrix multiplication.cpp
pgm-2 odd or even numbers.cpp
#include <stdio.h>
int main()
{
int a[100],i,n;
printf("Enter the size of Array:");
scanf("%d",&n);
printf("Enter the Elements:");
for(i=0;i<n;i++)
{
scanf("%d",&a[i]);
}
printf("Even numbers!!\n");
for(i=0;i<n;i++)
{
if (a[i]%2==0)
{
printf("%d\t",a[i]);
}
}
printf("\nOdd numbers!!\n");
for(i=0;i<n;i++)
{
if (a[i]%2!=0)
{
printf("%d\t",a[i]);
}
}
return 0;
}
C:\Users\Sumanth\Desktop\D
Enter the size of Array:5
Enter the Elements:6
2
5
8
7
Even numbers!!
6 2 8
Odd numbers!!
5 7
Process exited after 8.635 seconds with return value 0
Press any key to continue . . .
Line: 15 Col: 17 Sel: 0 Lines: 29 Length: 417 Insert Done parsing in 0.031 seconds
Search
ENG
IN
9:03 AM
5/5/2023