

Day 31 Home questions

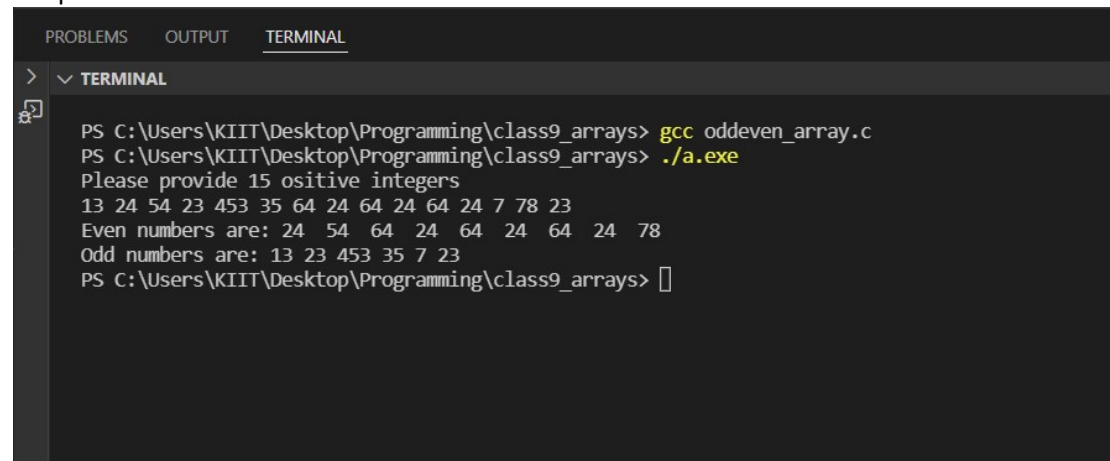
#1. WAP to print the odd and even elements separately in an array of 15 elements.

Code:

```
#include <stdio.h>
int main()
{
    int i285,pr285, arr285[15];
    printf("Please provide 15 positive integers\n");
    for(i285=0;i285<15;i285++)
    {
        scanf("%d",&arr285[i285]);
    }
    printf("Even numbers are:");
    for(i285=0;i285<15;i285++)
    {
        pr285= arr285[i285]%2;
        if(pr285==0)
        {
            printf(" %d ",arr285[i285]);
        }
    }
    printf("\nOdd numbers are: ");
    for(i285=0;i285<15;i285++)
    {
        pr285=arr285[i285]%2;
        if(pr285!=0)
        {
            printf("%d ",arr285[i285]);
        }
    }

    return 0;
}
```

Output:



```
PROBLEMS OUTPUT TERMINAL
> v TERMINAL
PS C:\Users\KIIT\Desktop\Programming\class9_arrays> gcc oddeven_array.c
PS C:\Users\KIIT\Desktop\Programming\class9_arrays> ./a.exe
Please provide 15 ositive integers
13 24 54 23 453 35 64 24 64 24 64 24 7 78 23
Even numbers are: 24 54 64 24 64 24 64 24 78
Odd numbers are: 13 23 453 35 7 23
PS C:\Users\KIIT\Desktop\Programming\class9_arrays> 
```

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```
PS C:\Users\KIIT\Desktop\Programming\class9_arrays> ./a.exe
Please provide 15 ositive integers
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Even numbers are: 2 4 6 8 10 12 14
Odd numbers are: 1 3 5 7 9 11 13 15
PS C:\Users\KIIT\Desktop\Programming\class9_arrays> |
```