

8. Implement a C Program Given array print odd and even values

Code

```
#include <stdio.h>

int main() {

    int a[]={1,2,3,4,5,6},i;

    printf("Even numbers: ");

    for(i=0;i<6;i++)

        if(a[i]%2==0) printf("%d ",a[i]);

    printf("\nOdd numbers: ");

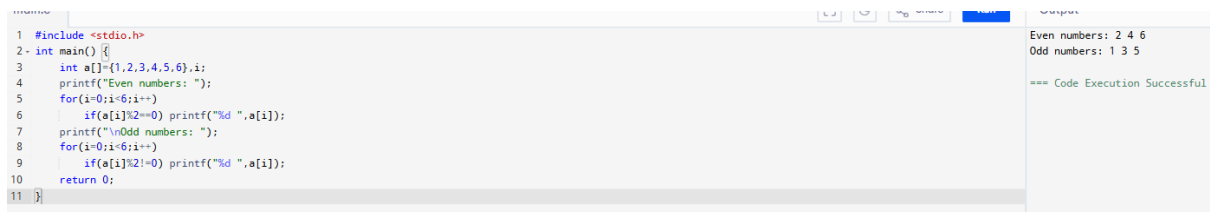
    for(i=0;i<6;i++)

        if(a[i]%2!=0) printf("%d ",a[i]);

    return 0;

}
```

Output



The screenshot shows a code editor with the following C program:

```
1 #include <stdio.h>
2 int main() {
3     int a[]={1,2,3,4,5,6},i;
4     printf("Even numbers: ");
5     for(i=0;i<6;i++)
6         if(a[i]%2==0) printf("%d ",a[i]);
7     printf("\nOdd numbers: ");
8     for(i=0;i<6;i++)
9         if(a[i]%2!=0) printf("%d ",a[i]);
10    return 0;
11 }
```

The output of the program is displayed on the right side of the editor:

```
Even numbers: 2 4 6
Odd numbers: 1 3 5
=== Code Execution Successful
```