



National university of modern languages

Assignment 2

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Class:

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```

#include<iostream>
using namespace std;

void sort (int array[], int n)
{
    int k=-1;
    int c=0;
    int t;
    for (int i=0; i<n; i++)
    {
        if(array[i]%2==0)
        {
            k++;
            c++;
            swap(array[i], array[k]);
        }
    }
    for (int i=0; i<c; i++)
    {
        for (int j=i+1; j<c; j++)
        {
            if(array[i]<array[j])
            {
                t=array[i];
                array[i]=array[j];
                array[j]=t;
            }
        }
    }

    for (int i=c; i<=n; i++)
    {
        for (int j=i+1; j<=n; j++)
        {
            if(array[i]<array[j])
            {

```

```

        }
    }
}

t=array[i];
array[i]=array[j];
array[j]=t;
}
}
}

```

```

int main()
{
    int size;
    cout<<"Enter the Size of array that you are going to sort: ";
    cin>>size;
    int array[size];
    cout<<"Enter Elements of array: ";
    for(int i=0; i<size; i++)
    {
        cin>>array[i];
    }
    sort(array, size);
    cout<<"Your Sorted array is here: ";
    for(int i=0; i<size; i++)
        cout<<array[i]<<" ";
    return 0;
}


```

OUTPUT:


```

C:\Users\shami\Desktop\Untitled2.exe
Enter the Size of array that you are going to sort: 9
Enter Elements of array: 6
8
7
3
2
1
4
5
9
Your Sorted array is here: 8 6 4 2 9 7 5 3 1
-----
Process exited after 33.13 seconds with return value 0
Press any key to continue . . .

```

 C:\Users\shami\Desktop\Untitled2.exe

```
Enter the Size of array that you are going to sort: 5
Enter Elements of array: 6
4
1
2
3
Your Sorted array is here: 6 4 2 3 1
-----
Process exited after 28.54 seconds with return value 0
Press any key to continue . . .
```

 C:\Users\shami\Desktop\Untitled2.exe

```
Enter the Size of array that you are going to sort: 5
Enter Elements of array: 3
2
1
4
5
Your Sorted array is here: 4 2 5 3 1
-----
Process exited after 11.33 seconds with return value 0
Press any key to continue . . .
```