

Tanvir – 011203033

```
for (int i = 0; i < 101; i++)
C:\Users\tanvir.Hasan\source\repos\DSA-1 assignment - 1\64\Debug\DSA-1 assignment - 1.exe
Enter size of the array - 30
1. insert data
2. get multiple occurrence
3. print data
4. change size of the array
0. exit
1
>>> data inserted successfully <<<
1. insert data
2. get multiple occurrence
3. print data
4. change size of the array
0. exit
3
74, 89, 92, 47, 88, 62, 16, 90, 78, 29, 33, 17, 66, 74, 81, 2, 23, 43, 63, 94, 49, 73, 99, 90, 54, 52, 43, 18, 75, 9,
1. insert data
2. get multiple occurrence
3. print data
4. change size of the array
0. exit
2
max is - 2
43, 74, 90, Occured 2 times
1. insert data
2. get multiple occurrence
3. print data
4. change size of the array
0. exit
1. insert random
2. Separate odd even 1
3. print list
0. exit
{
enter your option: 3
total nodes - 20
89, 11, 10, 78, 82, 92, 32, 36, 58, 30, 35, 4, 70, 43, 27, 86, 6, 56, 31, 81,
**** welcome ****
1. insert random
2. Separate odd even 1
3. print list
0. exit
enter your option: 2
Enter direction - 2
before operation ->>> total nodes - 20
89, 11, 10, 78, 82, 92, 32, 36, 58, 30, 35, 4, 70, 43, 27, 86, 6, 56, 31, 81,
After operation ->>> total nodes - 20
56, 6, 86, 70, 4, 30, 58, 36, 32, 92, 82, 78, 10, 89, 11, 35, 43, 27, 31, 81,
**** welcome ****
1. insert random
2. Separate odd even 1
3. print list
0. exit
enter your option:
```

```
C:\Users\Tanvir Hasan\source\repos\DSA-1 assignment - 1\Debug\DSA-1 assignment - 1.exe

**** welcome ****
1. insert random
2. Separate odd even
3. print list
0. exit

enter your option: 2
before operation ->>> total nodes - 10
91, 40, 74, 13, 29, 12, 60, 65, 15, 41,

After operation ->>> total nodes - 10
60, 12, 74, 40, 91, 13, 29, 65, 15, 41,

**** welcome ****
1. insert random
2. Separate odd even
3. print list
0. exit

enter your option: 3
total nodes - 10
12, 60, 74, 91, 13, 29, 65, 15, 41,

**** welcome ****
1. insert random
2. Separate odd even
3. print list
0. exit

enter your option: 
```

```
C:\Users\Tanvir Hasan\source\repos\DSA-1 assignment - 1\Debug\DSA-1 assignment - 1.exe

Enter a number - 27
Cubic root of 27.000 is 3.000
Enter a number - 
```

```
C:\Users\tanvir.Hasan\source\repos\DSA-1 assignment - 1\Debug\DSA-1 assignment - 1.exe
enter your option: 1
please enter a number - 20
82 inserted
51 inserted
49 inserted
66 deleted
90 inserted
50 inserted
36 inserted
27 inserted
65 inserted
10 inserted
72 inserted
94 inserted
71 inserted
68 inserted
32 inserted
97 inserted
17 inserted
36 deleted
73 deleted
98 inserted
**** welcome ****
1. insert random
2. Separate odd even
3. print list
0. exit
enter your option: _
```

```
Microsoft Visual Studio Debug Console
N: 20
List: 42 68 35 1 70 25 79 59 63 65 6 46 82 28 62 92 96 43 28 37
28 28 96 92 82 79 70 68 65 63 62 59 46 43 42 37 35 25 6 1
C:\Users\tanvir.Hasan\source\repos\DSA-1 assignment - 1\Debug\DSA-1 assignment - 1.exe (process 1932) exited with code 0.
Press any key to close this window . . .
```