Assignment No: 01

Basic python programming

1. **Write a python program to find the largest number in an given array**

Code:

```python
import array as arr

#input values
input_num = arr.array('i',[])
number = int(input("Enter the number of elements in the array : "))
for i in range(number):
 x = int(input("Enter the next number : "))
 input_num.append(x)

# display
print ('Largest number in the array is : ', max(input_num))
```

Output:

```
Enter the number of elements in the array : 8
Enter the next number : 12
Enter the next number : 18
Enter the next number : 16
Enter the next number : 28
Enter the next number : 88
Enter the next number : 48
Enter the next number : 68
Enter the next number : 42
Largest number in the array is :  88
```

Conclusion: We have successfully written a python program to find the largest number in a given array