

Find the Largest Number in an Array

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# □ Find the Largest Number in an Array (Python)
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# Logic:
# - Start with -infinity
# - Use for loop to compare each element
# - Return the largest number

arr = [45, 22, 89, 17, 65, 91]

# Start with the smallest possible number
largest = float('-inf')

for num in arr:
    if num > largest:
        largest = num

print("□ The largest number is:", largest)
□ The largest number is: 91
```

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```
# □ Find the Smallest Number in an Array (Python)
# Logic:
# - Start with +infinity
# - Use for loop to compare each element
# - Return the smallest number

arr = [45, 22, 89, 17, 65, 91]

# Start with the largest possible number
smallest = float('inf')

for num in arr:
    if num < smallest:
        smallest = num

print("□ The smallest number is:", smallest)
□ The smallest number is: 17
```