input() Method

- Used to take input from the user.
- User input is always converted to a string.

```
C:\Users\jaspr> python
>>> name = input()
John
>>> name
'John'
>>>
```

input() Method with a Message

o Syntax input('Message')

```
C:\Users\jaspr>python
>>> number = input('Enter a number: ')
Enter a number: 20
>>> number
'20'
>>>
```

Typecasting the User Input

- Typecasting is needed to convert a string to an integer.
- o input() method can be provided as an argument to the int() method.

```
C:\Users\jaspr>python
>>> number = int(input('Enter a number: '))
Enter a number: 20
>>> number
20
>>>
```

Typecasting the User Input

- o Typecasting is needed to convert a string to an integer.
- o Alternatively, number can be provided as an argument to the int() method.

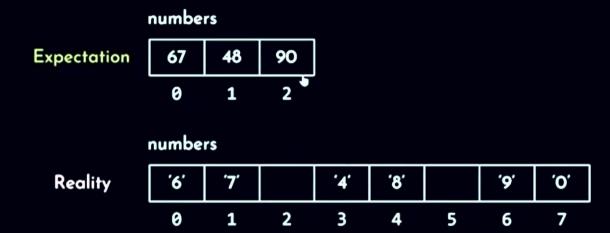
```
C:\Users\jaspr>python
>>> number = input('Enter a number: ')
Enter a number: 20
>>> number
'20'
>>> int(number)
20
>>>
```

Problem with the input() Method

Returns input from the user as a string.

```
C:\Users\jaspr>python
>>> numbers = input("Enter a list of numbers: ")
Enter a list of numbers: 67 48 90
>>> numbers
'67 48 90'
>>>
```

Problem with the input() Method



Input a List using Loops

```
C:\Users\jaspr> python
>>> n = int(input("Enter the number of elements: "))
Enter the number of elements: 3
>>> numbers = []
>>> for i in range(n):
        x = int(input())
        numbers.append(x)
67
48
90
>>> numbers
[67, 48, 90]
>>>
```