

Q1. What is dynamic typing?

Q2. Static vs Dynamic software?

Input and Output

```
In [1]: # in python there have a function name called input to take inputs from user.  
a = input() #best way to program input function give information about what use have to put.  
print(a)
```

22
22

```
In [2]: a = input('Enter a int value: ') #Like this.
```

Enter a int value: 33

```
In [3]: 1 # First take input from user.  
2 f_num = input('Enter the first number: ')  
3 s_sum = input('Enter the second number: ')  
4  
5 # work with input variables  
6 result = f_num + s_sum  
7  
8 # Now can print the final result  
9 print('Final result:', result)
```

Enter the first number: 22
Enter the second number: 33
Final result: 2233

```
In [4]: print(type(f_num), '\n', type(s_sum), '\n',  
          '(Because we are not use input type in our program)!')
```

<class 'str'>
<class 'str'>
(Because we are not use input type in our program)!

∴ Problem with our result that result must add and our answer would be 55.
∴ Problem in the input or line no. 2 and 3.

```
In [5]: # First take input from user.  
f_num = int(input('Enter the first number: ')) # Use input type.  
s_sum = int(input('Enter the second number: '))  
  
# work with input variables  
result = f_num + s_sum  
  
# Now can print the final result  
print('Final result:', result)
```

Enter the first number: 22
Enter the second number: 33
Final result: 55

∴ Here is the result.

Thank you