

Class 5 Notes

```
print("Hello")
print("world")

print("Hello")
print('\n')    #new line
print("world")

print('c:\docs\aveen')
#Raw String
#Raw string is a string that returns it as it is without making any changes to
it.
print(r'c:\docs\aveen')

# Repetition - To print multiple times
#how will you print in next line? Homework
print(3 * 'vivek')

#ValueError
name = input("Enter your name")
print(name) #give integer number and find type of it
print(type(name))
name = int(input("Enter a number"))
print(name) #give integer and string values and show value error
print(type(name))

name = 'vivek'
print(name)

# String in python is immutable
# you cannot change string values
name = 'Vivek'
name[0] = 'R'
name[1:4] = 'bcd'
#We can't change the string, because string is immutable
# but we can do concatenation
print('hi ' + name[1:4])

#List
# collection of values of same or different data type
numbers = [23, 67, 89, 50]
print(numbers)
print(numbers[0])
numbers[0] = 100
print(numbers) #numbers = [100,67,89,50,]
print(numbers[4]) #error index out of range
```

```
print(numbers[1:3]) # [67,89]
print(numbers[0:]) # [100,67,89,50]
print(numbers[:2]) # [100,67]
print(numbers[:]) # [100,67,89,50]
print(numbers[-1]) # [50]
print(numbers[-1:-4]) # [50,89,67]
print(numbers[-1:-5]) # error
print(numbers[-5])
```