kyfbraqf1

January 23, 2025

[ ]:
```
a=1
b="raman"
str(a)+b
```

[ ]:
```
'1raman'
```

[ ]:
```
a=int(input("Enter a number: ")) #typecasting
b=int(input("Enter a number: ")) #typecasting
print(a+b)
print(a-b)
print(a*b)
print( a/b)
print(a%b)
print(a**b)
```

```
Enter a number: 5
Enter a number: 3
8
2
15
1.6666666666666667
2
125
```

[ ]:
```
name="raman"
len(name)
```

[ ]:
```
5
```

[ ]:
```
name="raman"
print(name[0])
print(name[-1]) #supports negative indexing
print(name[0:3]) #list slicing first three element
```

```
r
n
ram
```

[ ]:
```
fruit=["apple", "banana", "cherry","kiwi", "mango"]
print(fruit[1])
print(fruit[-1])
print(fruit[2:4])
fruit.append("car")
fruit.append("bike")
print(fruit.pop())
print(fruit)
```

```
banana
mango
['cherry', 'kiwi']
bike
['apple', 'banana', 'cherry', 'kiwi', 'mango', 'car']
```

[ ]:
```
lst=[1,2,3,7,9,0]
lst.sort() #reverse
print(lst)
lst.sort(reverse=True) #reverse sort -descending
print(lst)
```

```
[0, 1, 2, 3, 7, 9]
[9, 7, 3, 2, 1, 0]
```

[ ]:
```
squares=[i**2 for i in range(10)] #list comprehension
print(squares)
```

```
[0, 1, 4, 9, 16, 25, 36, 49, 64, 81]
```

[ ]:
```
tuple1=(1,2,3,4,5) #immutable
print(tuple1)
```

```
(1, 2, 3, 4, 5)
```

[ ]:
```
dict1={'name':'raman', 'age':20 ,'email':'raman@gmail.com'}
dict1['name']
```

[ ]:
```
'raman'
```

[ ]:
```
print("Hello WOrld")
```

[ ]:
```

```