

## 2-dars: Python Operatorlari Guruhlari

### Maqsad:

- Python dasturlash tilida operatorlar nima ekanligini o'rganish.
- Operatorlar guruhlarini tushunish va ulardan foydalanishni o'rganish.

#### ♦ 1. Operator nima?

Operator — bu Python tilida arifmetik yoki mantiqiy amal bajaruvchi belgilar yoki so'zlardir.

```
a = 5
b = 3
print(a + b) # natija: 8
```

#### ♦ 2. Python operatorlari guruhlari

1. Arifmetik operatorlar - Matematik amallar
2. Taqqoslash (Comparison) operatorlari - Solishtirish amallari
3. Mantiqiy (Logical) operatorlar - True/False orqali tekshirish
4. Tayinlash (Assignment) operatorlar - Qiymat berish

##### 1. Arifmetik operatorlar

```
a = 10
b = 3
print("Qo'shish:", a + b)
print("Qoldiq:", a % b)
```

##### 2. Taqqoslash operatorlari

```
x = 10
y = 7
print(x > y) # True
print(x == y) # False
```

### 3. Mantiqiy operatorlar

```
issiq = True
```

```
quyoshli = True
```

```
print(issiq and quyoshli) # True, chunki ikkalasi ham rost
```



### 4. Tayinlash operatorlari

```
x = 10
```

```
x += 5 # endi x = 15
```



## Yakuniy vazifa (juda oson)

#### 1. Sonlarni qo'shing

```
print(158 + 189)
```

#### 2. Sonlar tengmi?

```
print(5 == 5)
```

#### 3. 2 ta shartni tekshiring

```
yosh = 10  
print(yosh > 5 and yosh < 15)
```

