

Day 7

Operators

Python has different types of operators for different operations. To create a calculator we require arithmetic operators.

Arithmetic operators

| Operator | Operator Name | Example |
|----------|----------------|---------|
| + | Addition | 15+7 |
| - | Subtraction | 15-7 |
| * | Multiplication | 15*7 |
| ** | Exponential | 5**7 |
| / | Division | 5/3 |
| % | Modulus | 15%7 |
| // | Floor Division | 15//7 |

Exercise

```
n = 15
m = 7
ans1 = n+m
print("Addition of",n,"and",m,"is", ans1)
ans2 = n-m
print("Subtraction of",n,"and",m,"is", ans2)
ans3 = n*m
print("Multiplication of",n,"and",m,"is", ans3)
ans4 = n/m
print("Division of",n,"and",m,"is", ans4)
ans5 = n%m
print("Modulus of",n,"and",m,"is", ans5)
ans6 = n//m
print("Floor Division of",n,"and",m,"is", ans6)
```

Explanation

Here 'n' and 'm' are two variables in which the integer value is being stored. Variables 'ans1' , 'ans2' , 'ans3' , 'ans4' , 'ans5' and 'ans6' contains the outputs corresponding to addition, subtraction, multiplication, division, modulus and floor division respectively.