

4th Sept

Data Types :-

Its pre defined component and specify the data category

1. String (alpha) - str
2. Integer - int
3. Float - salary etc
- 4.

Python data type

1. int
2. float
3. Complex - $5j+7$
4. str
5. Bool

Special data type (data structure)

1. List
2. Tuple
3. set
4. dict

Multiple variable we have to store like.

a = 6

b = 7 or a = 6 ; b = 7 ; c = 8 or.

c = 8

a, b, c = 6, 7, 8

Input & Output function

Input function = input()

Output function = print()

Eg:- Print ("hello good morning")

a = input()

8

a

'8'



Date: _____

```
a = int(input("enter a number"))  
enter a number 7  
type(a)  
int  
b = int(input())  
2  
type(b)  
int  
a + b
```

Write a program to read employee id,
employee name, employee phone num.

take 2 float number from user

```
x = float(input("enter a value:"))  
y = float(input("enter a value:"))  
print(x + y)  
print(x, "+", y, "=", x + y)  
print("sum of:", x, "+", y, "=", x + y)
```

#. Format method

```
print("sum of {} + {} + {} ".format(x, y, x + y))
```


jsting method

print ("sum of {x} + {y} = {x+y}")

Operators :-

Arithmetic operators

+ - * / % // **

""" write a program to calculate the all basic arithmetic operations on given input """

a = 5

b = 7

print (a + b)

print (a - b)

print (a * b)

print (a / b)

12

-2

35

0.7142857142857143.



Date : _____

```
a = int(input(5))
```

```
b = int(input(7))
```

```
print(a+b, a-b, a*b, a/b, a%b, a//b, a**b)
```

```
print(f"The sum of {a} and {b} is {a+b}")
```

```
print(f"The sub of {a} and {b} is {a-b}")
```

```
print(f"The mul of {a} and {b} is {a*b}")
```

```
print(f"The div of {a} and {b} is {a/b}")
```

```
print(f"The mod of {a} and {b} is {a%b}")
```

```
print(f"The floor div of {a} and {b} is {a//b}")
```

```
print(f"The power of {a} and {b} is {a**b}")
```