#first python program

# comments must have to be in #

print("My name is ")

print()

print('I am in CSE dept')

print(3)

print(3\*5)

print("Parul University","CSE dept", 23)

#second python program

print("I like 'ice-cream'")

print('I like "Pizza"')

a = 3

print(a)

print("hello" + " hii")

name = "shyam "

print(name)

print()

print(type(a))

print(type(name))

age = "25"

print(name + "is " +age +" years old")

#Third python program for working with numbers, operators

# a = 10

# b = 2

a = int(input("Enter num a = "))

b = int(input("Enter num b = "))

name = input("Enter a name: ")

print(name)

print(a+b) # 12

print(a-b) # 8

print(a\*b) #20

print(a\*\*b) # a power b -100

print(a/b) #5

print(a//b) # integer division

print(a%b) #0

print()

print(abs(-26.500))

#Third python program for working with numbers, operators

# a = 10

# b = 2

a = int(input("Enter num a = "))

b = int(input("Enter num b = "))

name = input("Enter a name: ")

print(name)

print(a+b) # 12

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print(a\*\*b) # a power b -100

print(a/b) #5

print(a//b) # integer division

print(a%b) #0

print()

print(abs(-26.500))

**OUTPUT**

**Enter num a = 10**

**Enter num b = 2**

**12**

**8**

**20**

**100**

**5.0**

**5**

**0**

**26.5**

#escape characters python program

splitString = "This string has been \nsplit over\n several\n lines"

print(splitString)

tabbedString = "1\t2\t3\t4\t5"

print(tabbedString)

print('The pet shop owner said "No, no, \'e\'s uh,...he\'s resting".')

# or

print("The pet shop owner said \"No, no, 'e's uh,...he's resting\".")

# \" abmdjkkdfkl \"

print("""The pet shop owner said "No, no, 'e's uh,...he's resting". """)

anotherString = """This string has been

split over

several

lines"""

print(anotherString)

profile = """ I am Brijal \

I am a localize \

I work in PU"""

print(profile)

**OUTPUT**

This string has been

split over

several

lines

1 2 3 4 5

The pet shop owner said "No, no, 'e's uh,...he's resting".

The pet shop owner said "No, no, 'e's uh,...he's resting".

The pet shop owner said "No, no, 'e's uh,...he's resting".

This string has been

split over

several

lines

I am Brijal I am a localize I work in PU

Do yourself

1. ‘Suppose you are a university student and you need to pay 4535 Rs tuition fee for the next semester.

The college is giving you a discount of 10% on the early payment of tuition fees. Since it’s a good opportunity, you decided to make an early payment. Can you find out how much money you have to pay?

Use formula as: (discounted percent/10) \* fees

1. Create a program to convert distance in kilometer to miles.

Formula : 1 km = 0.62107 miles

1. take name , add, phone no from user and print it.

**Summary of what we have done**

* Python data types: string. Integers , floats
* String is a textual data surrounded by quotes.
* Integers and floats are numeric data.
* Variables allow us to store data to use them later.
* Good variable naming conversions.
* We use input() function to get user input.
* input() always takes input in string format.
* To convert string to a float, we use float().
* We can only convert numeric strings to numbers.

About Comments

* Comments are hints that we can add to our program to make the code easier to understand.
* In Python, comments can also be used for debugging code.
* Python doesn’t have multiline comments, However we can use multiline strings to act as multiline comments

About Operators in Python

* Equals operator (=) assigns the value in the right to the variable in the left.
* Arithmetic operators perform basic arithmetic operations as addition, subtraction etc.
* If we use the + operator with strings, it concatenates two strings.
* To make our code more readable, we can use the parentheses. for ex. 24 \* (5-15)