⌄ Topic: print()

1) Using the python print function print any string value, integer value, boolean value, float value in single print command

```
print("hello" ,98 ,True ,98.5)
```

⇥ hello 98 True 98.5

2) Using the python print function print hyphon(-) separated any string value, integer value, boolean value, float value in single print command

```
print("hello" ,98 ,True ,98.5 ,sep='-')
```

⇥ hello-98-True-98.5

3) Using the python print function print any string value, integer value, boolean value, float value in separate print command. But every value must be space separated and in single line

```
print("hello", end=' ')
print(98, end=' ')
print(True, end=' ')
print(98.5)
```

⇥ hello 98 True 98.5

4) Can a python print function take no value to print???

```
print("")
```

⇥

⌄ TOPIC :Variables in Python Operators

5) One of my friends name is Mr. Ahmed. He is 30 years old. He is a lawer by profession. He has done his bachelors in law in the year 2005. He is working with a reputable law firm 'The Himalya Associates' in Karachi since 2015. He is a handsome lawer with height of 5.10 feets and weight 70600g. His monthly income is Rs. 200k PKR.

Note: Create variables from above text and also assign values from the text.

```
name = "Mr.Ahmed"
age = 30
profession = "lawyer"
education = "bachelors"
graduation_year = 2005
company_name = "The himalya associates"
company_location = "karachi"
joining_year = 2015
height_Ft = 5.10
weight_g = 70600
monthly_income = 200000
```

6)How many years has been to Mr. Ahmed after his bachelors degree? Create a variable that hold current year value and then subtract it from his passout year

```
current_year = 2024
current_year - graduation_year
```

⇥ 19

7) How many years has Mr. Ahmed been working with law firm 'The Himalya Associates'. Create necesary variables and print the correct number of years in working in the firm

```
current_year - joining_year
```

⇥ 9

8)Convert the monthly income of Mr. Ahmed in dollars. Create necesary variables and print the income in dollars.

```
dollar = 277
monthly_income_dollars = monthly_income / dollar
```

9) Check if the income in dollars is a float or integer value. if it is float, re-write the code so that income gets converted in integer. print the income in integer type value

```
type(monthly_income_dollars)
monthly_income_dollars = monthly_income // dollar
print(monthly_income_dollars)
```

➤ 722

Unsupported Cell Type. Double-Click to inspect/edit the content.

```
#11) print the year of birth of Mr. Ahmed.
print(f"The birth year of Mr. Ahmed is {current_year - age}")
```

➤ The birth year of Mr. Ahmed is 1994

Start coding or generate with AI.

```
type(weight_g)
weight_g = weight_g // 1000
print(weight_g,"kg")
```

➤ 70 kg

12) Can Rs. 100 be divided equally among 6 students? HINT: % operator (modulo)

```
100 % 6
# 10 is completely divisible by2
# 10 is multiple of 2
# 2 is a factor of 10
# 10 comes in table of 2

print(f"Each person gets:  {100//6}")
print(f"Left after division: {100%6}")
```

➤ Each person gets: 16
    Left after division: 4

Unsupported Cell Type. Double-Click to inspect/edit the content.

Start coding or generate with AI.