

3/9/2025

variables :

variables are the names which we use to store our values.

list of valid declaration:

a = 2
A = 4
num = 20
num1 = 31
num2 = 90
Num = 90

stuId = 123
stu-ID = 127
- stu-name = "mldhun"
a, b, c = 4, 6, 1
x = 8; y = 2; z = 3;

list of In-valid variable declaration:

- 1 (initially we can't able to start with number).
- stu name = ("vijay") (inbetween space should not present)
- @num \$ = 8 (special characters not allowed)

person data with datatype -

Name = str
age = int
phono = str
emailId = str
add = str

height = float
weight = float
edu = str
work exp = float
Sal = float

compName = str
DOB = Date / str
mstatus = str
gender = str
blood group = str

input / output function

Input: It take input from the user.

Syntax variable = input()

Output: print() function is used to display the output.

Syntax print(".....")

example:

① print name , age with data types

```
name = str(input("Enter name:"))
```

```
age = int(input("Enter age:"))
```

```
print(name, type(name))
```

```
print(age, type(age))
```

O/P: Midhun

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midhun <class 'str'>

21 <class 'int'>

② write a program to read emp data

expected O/P

Employee ID = 123

Employee Name = midhun

Employee Salary = 40000RS

code:

```
emp = int(input("id:"))
name = str(input("name:"))
sal = float(input("sal:"))

print("Employee ID = ", id,
      "In Employee Name = ", name,
      "In Employee salary = ", sal, "rs")
```

id: ~~Rocky~~ 125

name: Rocky

sal: 40000

O/P Employee ID = 125

Employee name = Rocky

Employee salary = 40000 RS