

## VARIABLES

- >> Container for data.
- >> It is used to store data.

To create a variable & assign a value to it

declare\_var = assign\_value

var=value

name=Bhavana  
name1=10  
name2=True

To access the variable

\$variable

\$name

echo "hey komal, Welcome to the session, Good Morning!"  
echo "hey, lubdhesh, Welcome to the session, Good Morning!"

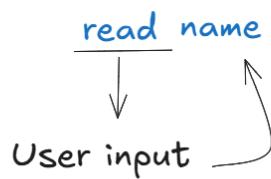
greet = Welcome to the session, Good Morning

echo "hey, Nived, \$greet" →

echo "hey, bhavana, \$greet"

SCRIPT: WRITE A SCRIPT TO KNOW YOUR NAME

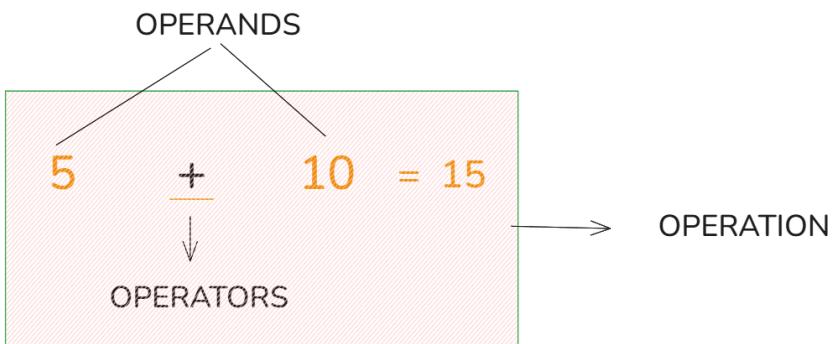
To take user input



SCRIPT: WRITE A SCRIPT TO KNOW YOUR AGE BY TAKING USER INPUT

## **OPERATORS**

>> These are special symbols used to perform a task.



>> We make use Operators to perform Operation on Operands

### Types of operators:

1. Arithmetic Operators
2. Relational Operators
3. Logical Operators
4. String Operators
5. File Operators

### 1. Arithmetic Operators

>> These are special symbols used for mathematical operations.

+ , - , \* , / , %

- > + : Addition
- > - : Subtraction
- > \* : Multiplication
- > / : Quotient
- > % : Remainder

```
#!/bin/bash
```

```
a=10
```

```
b=5
```

```
echo $((a+b))  
echo $((a-b))
```