

*** BASIC CALCULATOR USING PYTHON ***

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COURSE: B.Tech (CSE)

PROJECT: Mini project

PROBLEM STATEMENT:

To design and implement a basic calculator using Python that performs addition, subtraction, multiplication, and division based on user input.

ALGORITHM:

1. Start the program.
2. Read the first number from the user.
3. Read the second number from the user.
4. Ask the user to enter an operator (+, -, *, /).
5. If the operator is '+', perform addition.
6. If the operator is '-', perform subtraction.
7. If the operator is '*', perform multiplication.
8. If the operator is '/', perform division.
9. Display the result.
10. End the program.

SOURCE CODE:

```
#Basic Calculator
value1 = int(input("Enter the value1:"))
value2 = int(input("Enter the value2:"))
operator = input("Give the operator")
if operator == "+":
    print(f"Addition of 2 values is:",{value1 + value2})
elif operator == "-":
    print(f"Substraction of 2 values is:",{value1-value2})
elif operator == "*":
    print(f"Multiplication of 2 values is:",{value1*value2})
elif operator == "/":
    print(f"Division of 2 values is:",{value1/value2})
else:
    print("Not valid")
```

OUTPUT:

```
Enter the value1:10
Enter the value2:5
Give the operator+
Addition of 2 values is: {15}
```