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**Course: AI(LAB)**
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# LAB TASK # 3

```python
#      Question 1 # Write programs for the different type string "",'',''''''''''
# Using single quotes
string1 = 'This is a string with single quotes'

# Using double quotes
string2 = "This is a string with double quotes"

# Using triple quotes for multi-line strings
string3 = """This is a
multi-line string
using triple double quotes"""

# Using triple single quotes for multi-line strings
string4 = '''This is another
multi-line string
using triple single quotes'''


print(string1)
print(string2)
print(string3)
print(string4)
```

```python
# QUESTION 2    Make a calculator using the operands in the clasS
class Calculator:
    def add(self, a, b):
        return a + b

    def subtract(self, a, b):
        return a - b

    def multiply(self, a, b):
        return a * b

    def divide(self, a, b):
        if b == 0:
            return "Cannot divide by zero"
        return a / b

# Example usage
calc = Calculator()
print("Addition:", calc.add(5, 3))         # Output: 8
print("Subtraction:", calc.subtract(5, 3)) # Output: 2
print("Multiplication:", calc.multiply(5, 3)) # Output: 15
print("Division:", calc.divide(5, 3))      # Output: 1.666...



# QUESTION 3    Make program to see if value is true of false.

value = input("Enter a value: ")
is_true = bool(value)

print("The value is", is_true)
```