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**REG NO: FA24-BBA-060-A**

**COURSE TITLE : PROGRAMMING LANGUAGE FOR BUSINESS ANALYTICS**

**CLASS ACTIVITY 2**

**TASK 1:**

```
year = int(input("Enter a year: "))  
  
if (year % 400 == 0) or (year % 4 == 0 and year % 100 != 0):  
    print("Leap year")  
else:  
    print("Not a leap year")
```

---

Enter a year: 2024  
Leap year

---

**TASK 2:**

```
> num1 = float(input("Enter num1: "))
operator = input("Enter operator (+, -, *, /): ")
num2 = float(input("Enter num2: "))

if operator == '+':
    print(num1 + num2)
elif operator == '-':
    print(num1 - num2)
elif operator == '*':
    print(num1 * num2)
elif operator == '/':
    print(num1 / num2)
else:
    print("Invalid operator")
```

---

```
> Enter num1: 3
Enter operator (+, -, *, /): +
Enter num2: 9
12.0
```

### **TASK 3:**

```
mark = int(input("Enter the student's mark: "))
```

```
if mark >= 85:
```

```
    print("Grade: A")
```

```
elif mark >= 70:
```

```
    print("Grade: B")
```

```
elif mark >= 50:
```

```
    print("Grade: C")
```

```
else:
```

```
    print("Grade: F")
```

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Enter the student's mark: 56

Grade: C