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REG NO: FA24-BBA-051-A

COURSE TITLE: PROGRAMMING LANGUAGE FOR BUSINESS ANALYTICS

SUBMITTED TO : SAMEET FATIMA

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: 2010
Not a 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: 5
Enter operator (+, -, *, /): *
Enter num2: 9
45.0
```

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")
```

Enter the student's mark: 66

Grade: C