**AI lab**

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## **Task 1**

## **“Fizz -Buzz- Game”**

## **Explanation :**

### Firstly, take input from the User then apply condition by using for ,if and else.

**Code:**

x= int(input("Enter the value:"))

for y in range(1,x+1):

    if y%3==0 and y%5==0:

        print("FizzBuzz")

    elif y%3==0:

        print("Fizz")

    elif y%5==0:

        print("Buzz")

    else:

        print(y)

**Divisible of 3:**

So we said that when the divisible of 3 came instead of printing number print (Fizz).

**Divisible of 5:**

So we said that when the divisible of 3 came instead of printing number print (Buzz).

**Both divisible of 5 & 3:**

When the divisible of 3 and 5 came print (FizzBuzz) instead of printing the number

**Output:** #when we give 10 inputto the user

1

2

Fizz

4

Buzz

Fizz

7

8

Fizz

Buzz