



```
score1 = int(input('請輸入作業成績：'))
score2 = int(input('請輸入測驗成績：'))
score3 = int(input('請輸入平時成績：'))
grade = score1*0.4+score2*0.4+score3*0.2
print('學期成績是' + str(grade))
if grade < 60:
    print('不及格')
else:
    print('及格')
```

The image displays a Scratch script on the left and its corresponding Python code on the right, both designed to calculate the sum of integers from 1 to a user-input number n .

Scratch Script:

- Initialize variable `i` to 0.
- Ask the user for a number `n` and wait.
- Set variable `n` to the user's answer.
- Initialize variable `和` (sum) to 0.
- Repeat the following loop `n` times:
 - Increment variable `i` by 1.
 - Add the current value of `i` to the variable `和`.
- Speak the concatenated string: "1+2+3+...+ " + `n` + " = " + `和`, for a duration of 2 seconds.

Python Code:

```
n = int(input('請輸入數字 n:'))
sum = 0
for i in range(1, n+1):
    sum = sum + i
print('1+2+3+...+' + str(n) + '=' + str(sum))
```