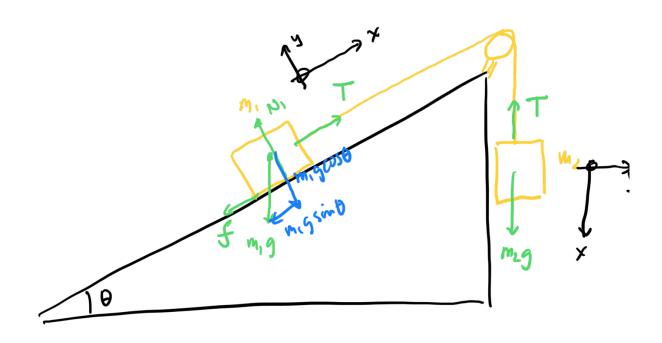
## Two Blocks with Friction.



$$N_1 - m_1 g \cos \theta = m_1 a_{1y} = 0$$

$$T = f - m_1 g \sin \theta = m_1 a_{1x}$$

$$m_2 g - T = m_2 a_{2x}$$

 $N_1 \neq m_1 q \cdot \cos\theta \Rightarrow f = \mu m_1 q \cos\theta$ 

$$T \mp \mu m_1 g \cos \theta - m_1 g \sin \theta = m_1 a$$

$$T = m_2 g - T = m_2 a$$

$$\left(\frac{m_2 - \mu m_1 \cos\theta - m_1 \sin\theta}{m_1 + m_2}\right) g = a$$

$$\mu_s^{\text{max}}$$
:
$$\alpha = \left(\frac{M_2 + \mu_s^{\text{max}}}{\mu_1 + \mu_2}\right)$$

1 input fra mer:

i. I amuleud character

(1) arond that character

@ Create output string.

# ------

· Programmy Langues.

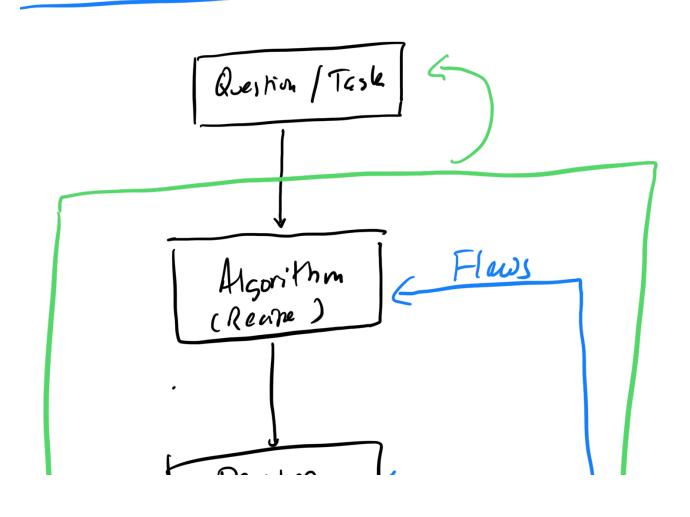
1 variables.

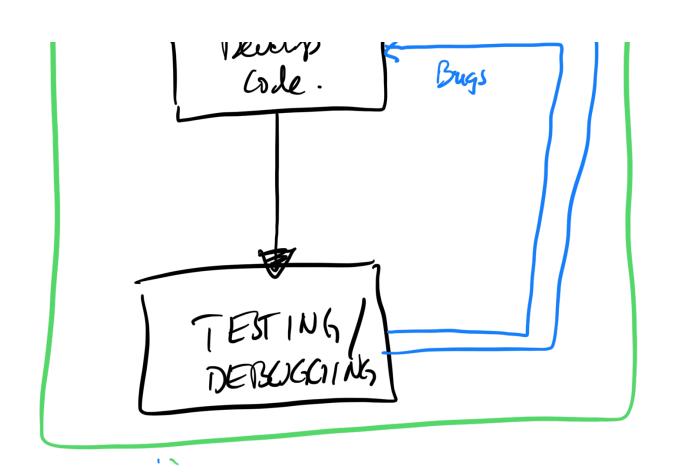
e noons

- ع م ون ا
- 3 : f... then --- else
- @ classes/objects.
- B) mentods/functions = verbs

ng ram mar

## DYNTAX 27 spelling salphabet





Enter a derond integer:

in binary is in integer

O get the derond integer

O yet the derond integer

O use string formatting to

deciral and binay. Duta Typos. ( ex. 3,-1,. intoger (ex. 2.35, 6.92) float ( ex. 'a') Ch avader (ex. 'girl', 'boy', String Pyhan > dynamically typod) deumel = input ('---') String 1

$$0.10^{\prime} \rightarrow 10^{\prime}$$
 $int(10^{\prime}) = 10^{\prime}$ 
 $format(int(decimal))$ 
 $solution{1}{0:b}{1}$ 
 $solution{1}{0:b}{1}$ 

SMTWTFS

106m 10am 10am

