# Problem – HAS

text1 = "I AM RONAN AND I WORK WITH RADY"

text2 = ""

for pos in range(len(text1)):

char = text1[pos]

if char != "A":

text2 += char

print(text1)

print(text2)

1. Complete the INPUT / OUPUT to check you understood the problem.

|  |  |
| --- | --- |
| **Input** | **Output** |
| RADT | RADY  Charcharchar |
| AADF | AADF  Charcahar |
| I AM RONAN AND | I AM RONAN AND  charcharcharcharcharcharcharcharcharcharchar |
|  |  |

1. Create your flowchart on paper – Working alone.
2. Meet, in group of 3 and find a common solution – Group of 3.

Warning: each student needs to come up with a solution to discuss!!

1. Execute it with the following execution table.

# Problem - PREV / NEXT ELEMENTS

* Input a **text** in the console.
* Check if the text is a **sequence** of “ab”.
  + Examples:   **abab** or **ababab**
* If the text is such a sequence, write YES, otherwise write NO

## **Examples**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| abab | YES |
| abcab | NO |
| ab | YES |
| abaab | NO |

1. Analyze **the symbols** you need to solve this problem – Working alone.

|  |  |  |
| --- | --- | --- |
| Element | Do you need it? | For what? |
| Action |  |  |
| Decision |  |  |
| Repeat |  |  |
| Input / Output |  |  |

1. Create your flowchart – group of 3 students.
2. Complete the test cases.

|  |  |
| --- | --- |
| **Input** | **Output** |
| abcde | NO |
| aabab | NO |
| ababab | YES |
| aabbab | NO |

1. Present your flowchart to another team (of 3 students).
2. Create code all 3 together.
3. Present your solution and the execution to the class.