

ORINOX PYTHON EXERCISE

Expression Divider

The objective of this exercise is to write a function that can divide words or expressions in several parts. This function shall have three parameters:

- **EXP** - The expression to divide
- **N** - The number of characters
- **SEP** - The separator

The function shall divide the **EXP** into different parts. Each part shall be separated by the **SEP** character. Each part shall contain **N** or less characters. Only full strings of characters between each **SEP** can be put into a part.

The parts shall be as long as possible, and therefore, it is possible that a part contains one or several times the **SEP** character.

Examples:

```
split_into_parts("VALV-OX44-005", 6, "-")  
→ ["VALV", "OX44", "005"]
```

```
split_into_parts("ORINOX – Accelerate your Digitalization", 14, "-")  
→ ["ORINOX -", "Accelerate", "your", "Digitalization"]
```

```
split_into_parts("ODS-EQUI01-Centrif_Pump", 12, "-")  
→ ["ODS-EQUI01", "Centrif_Pump"]
```

```
split_into_parts("ODS-EQUI01-Centrif_Pump", 10, "-")  
→ []
```

Notes

- **SEP** counts as one character.
- **SEP** should not be displayed in the final result if it separates two parts.
- If parts are too small to hold a single word, return an empty list ([]).
- The final goal is not to return just the parts with a length equal (or lower) to the given **N**, but to return the entire given **EXP** separated in a list containing the parts (if possible).

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