MaxPart(A\1:Z[n], &u:N, &v:N)

max_sum := 0

current_sum := 0

start_i := 1

temp_start_i := 1

end_i := 1

i := 1

i -> n-1

> **current_sum := current_sum +** A**[i]**
>
> | **current_sum < 0** | |
> |---|---|
> | T | F |
> | **current_sum :=** 0
 temp_start_i := i + 1 | ∅ |
>
> | if **current_sum > max_sum** | |
> |---|---|
> | T | F |
> | **max_sum := current_sum**
 start_i := temp_start_i
 end_i := i | ∅ |

return max_sum, **start_i**, **end_i**