Ex. No.: 10a) Date: 9/4/25

## BEST FIT

Aim:

To implement Best Fit memory allocation technique using Python.

Algorithm:

1. Input memory blocks and processes with sizes

2. Initialize all memory blocks as free.

3. Start by picking each process and find the minimum block size that can be assigned to current process

4. If found then assign it to the current process.

5. If not found then leave that process and keep checking the further processes.

**Program Code:** 

il\_name\_ = = "\_ main\_":

b orize = [100, 500, 200, 300, 600]

Poier = [212, 419, 312, 426]

m: Len (baier)

n = Len (poizi)

bestfit (boise, m., poise, n)

## Sample Output:

Process No.	Process Size	Block no.
1	212	4
· 2	417	2
3	112	3
4	426	5

## OUTPUT:

Proam No	Prous Size	Block no
THOWIS NO	212	4
	419	2
2	312	5
3	312	Not a Monated
4	426	1

Result:
Hence the Best fit for the given processes is Implemented and viriled.

But the Best fit for the given processes is Implemented.