

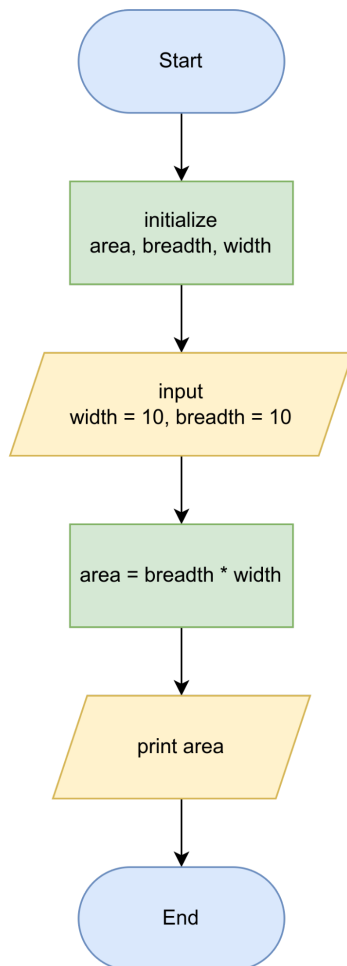
Task

1. Find and print area of square with 10cm breadth and width (pseudocode & flowchart)

Pseudocode

- Start
- Initialize area, wide, long
- Input wide = 10, long = 10
- Process area = wide * long
- Print area
- Stop

Flowchart

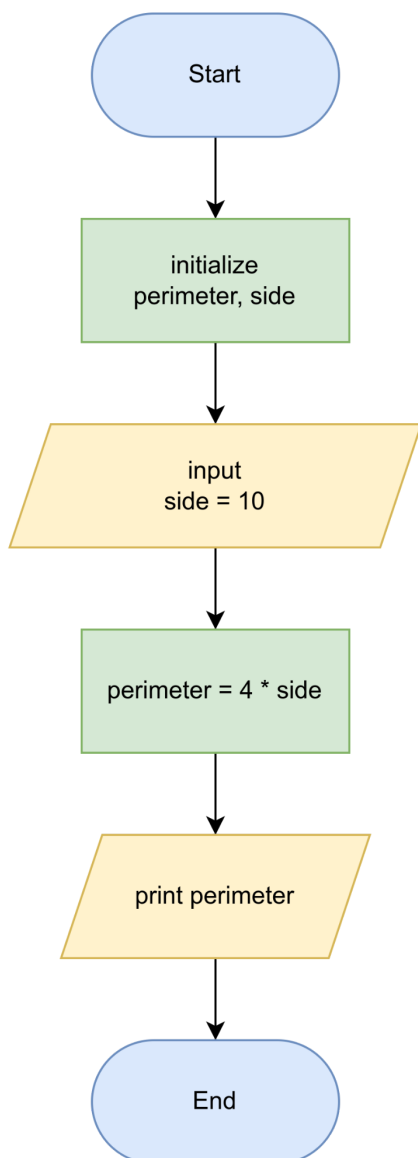


2. Find and print perimeter of square with 10cm side (pseudocode & flowchart)

pseudocode

- Start
- Initialize perimeter, side
- Input side = 10
- Process perimeter = $4 * \text{side}$
- Print perimeter
- Stop

flowchart

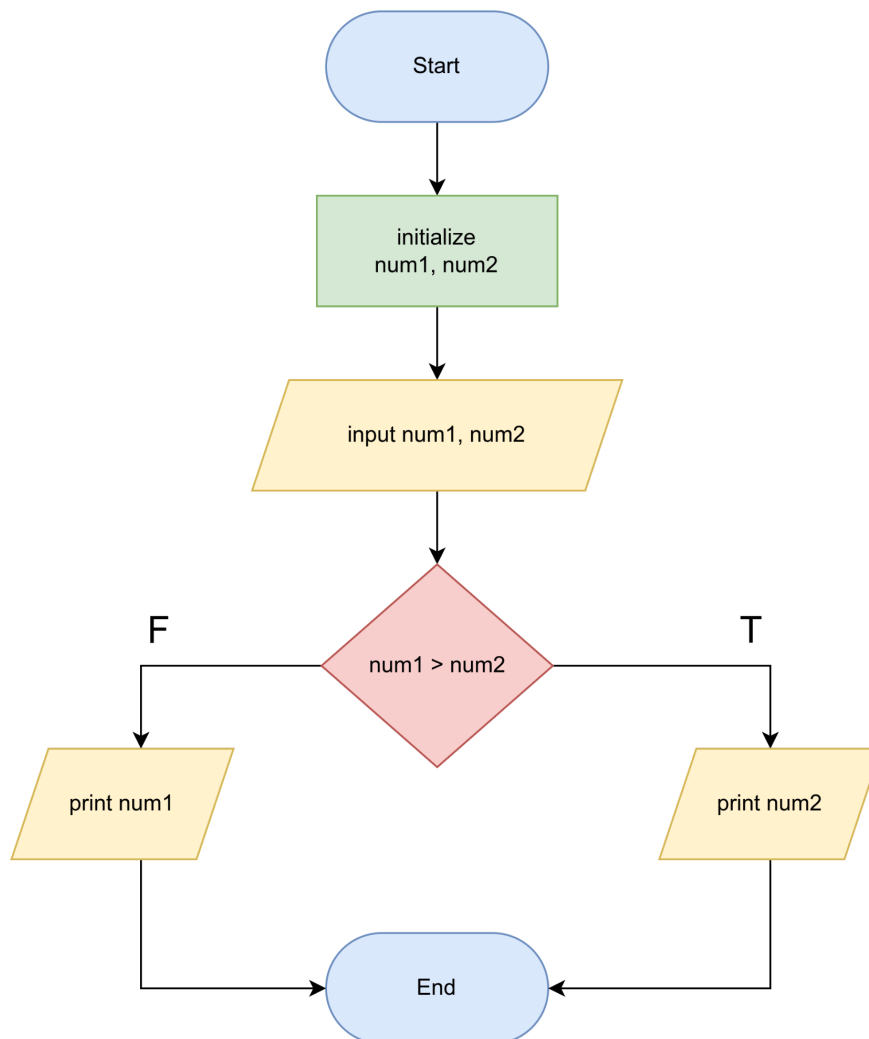


3. Create flowchart and pseudocode of a program to find the smallest number with two given different numbers

pseudocode

- Start
- Initialize num1, num2
- Input num1, num2
- if num1 > num2
 then print num2
 else print num1
- Stop

flowchart

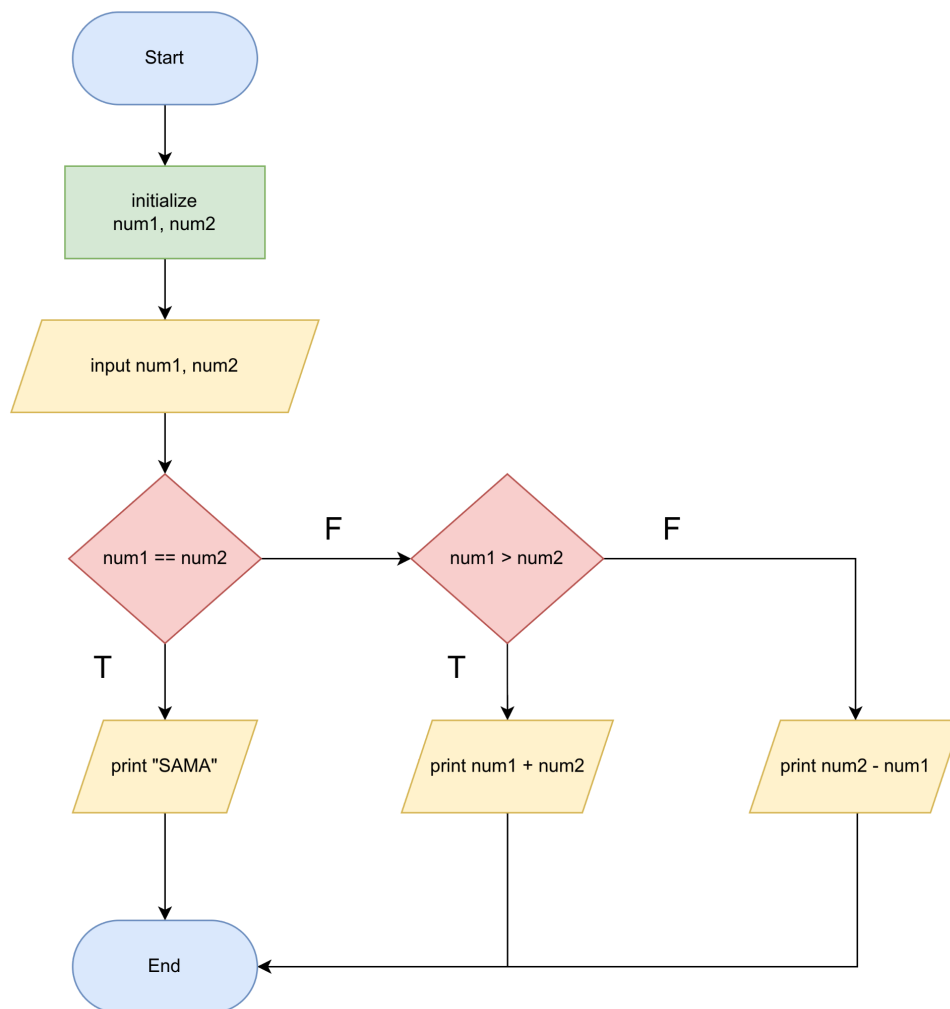


4. Answer

pseudocode

- Start
- Initialize num1, num2
- Input num1, num2
- if num1 == num2 then print "SAMA"
else if num1 > num2 then print(num1 + num2)
else then print(num2 - num1)
- Stop

flowchart



5. Answer

Pseudocode A

- Start
- Input N
- if $N > 50$ then $N = N - 25$
- $N = N + 10$
- Print N
- Stop

Pseudocode B

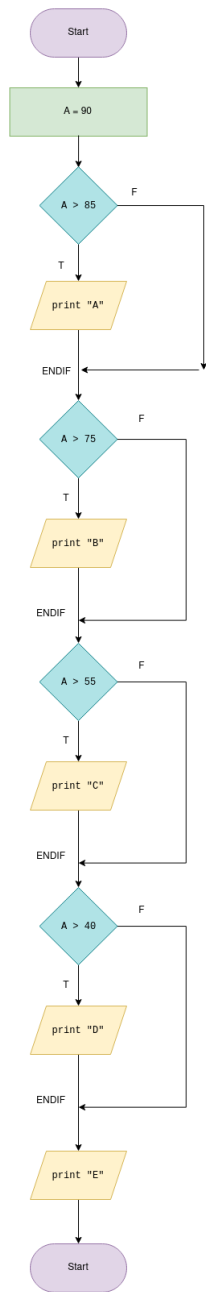
- Start
- Input N
- if $N > 50$ then $N = N - 25$
else $N = N + 10$
- Print N
- Stop

What's the output if N is :

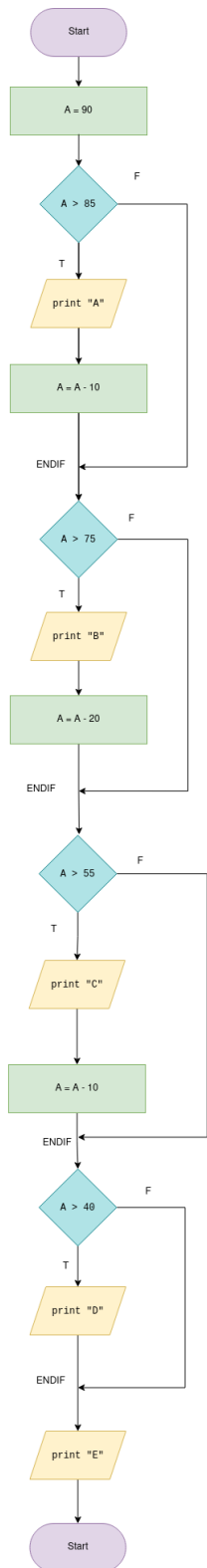
- **30**
Output of flowchart 5-1 is 40
Output of flowchart 5-2 is 40
- **50**
Output of flowchart 5-1 is 60
Output of flowchart 5-2 is 60
- **65**
Output of flowchart 5-1 is 50
Output of flowchart 5-2 is 40

6. Answer

Flowchart 6-1



Flowchart 6-2



Output from each pseudo code

Flowchart 6 - 1

>> A

>> B

>> C

>> D

>> E

Flowchart 6 - 2

>> A

>> B

>> C

>> D

>> E

>> 50