Assinment No. 1

① Find the average of three No. a, b, c

Step 1 - Start

Step 2 - Read / Input the first Num a

Step 3 - Read / Input the second Num b

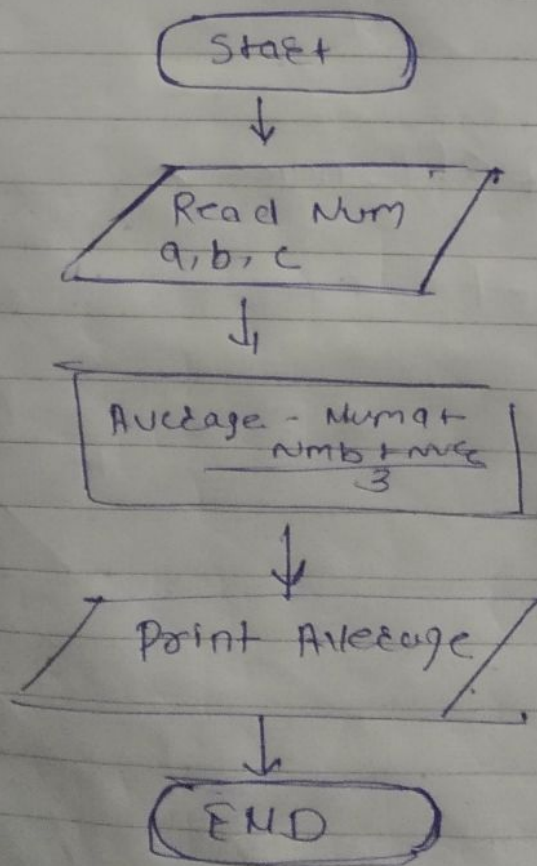Step 4 - Read / Input the third Num c

Step 5 - Average = $\dfrac{Num a + Num b + Num c}{3}$

Step 6 - PRINT Average

Step 7 - END

Flowchart

Start

↓

Read Num a, b, c

↓

Average = $\dfrac{Num a + Num b + Num c}{3}$

↓

Print Average

↓

END

4) Read a Number in inches & convert it into meters

Input → Numbers in Inches

output → Numbers in meter

```
        ⟨ Start ⟩
            ↓
      / Read No.  /
     /  In Inches /
            ↓
   ┌─────────────────────┐
   │ Inches ← metee      │
   │           0-0254    │
   └─────────────────────┘
            ↓
      / PRINT.         /
     / No. In meters  /
            ↓
        ⟨ Stop ⟩
```

B) Print 2, 4, 6, 8, 10

```
        ⟨ Start ⟩
            ↓
      ┌─────────┐
      │  I ← 2  │
      └─────────┘
            ↓
         ◇ I > 10 ◇ ──── yes ──── ⟨ Stop ⟩
            │ NO
            ↓
      / PRINT /
     /   I   /
            ↓
  ┌─────────────────┐
  │  I = I + 2      │
  └─────────────────┘
```
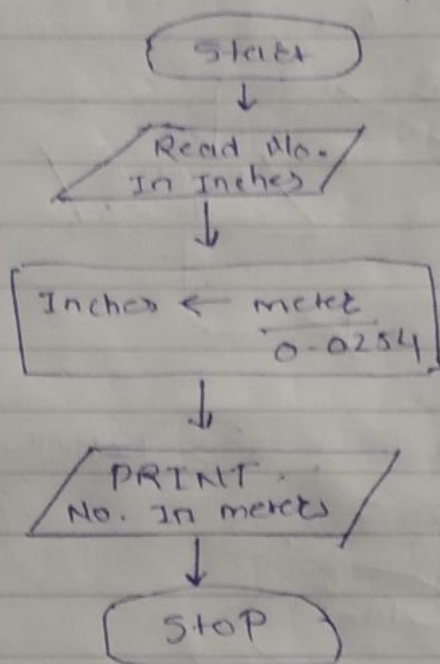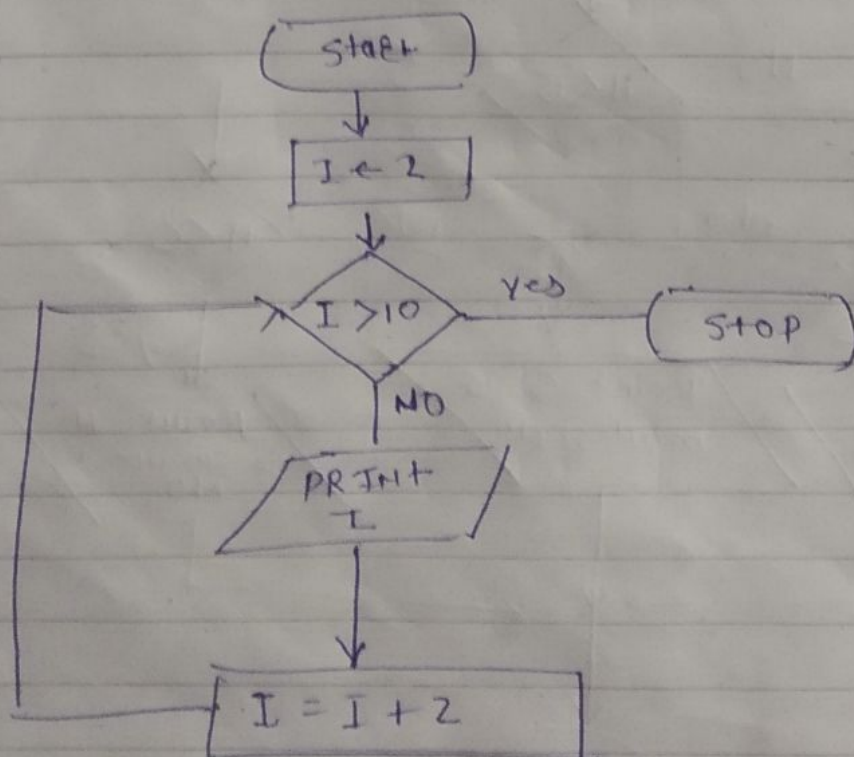
Find the area of rectangle whose length & Breath
are give.

Step 1 - Start
Step 2 - Input the length
Step 3 - Input the Breath
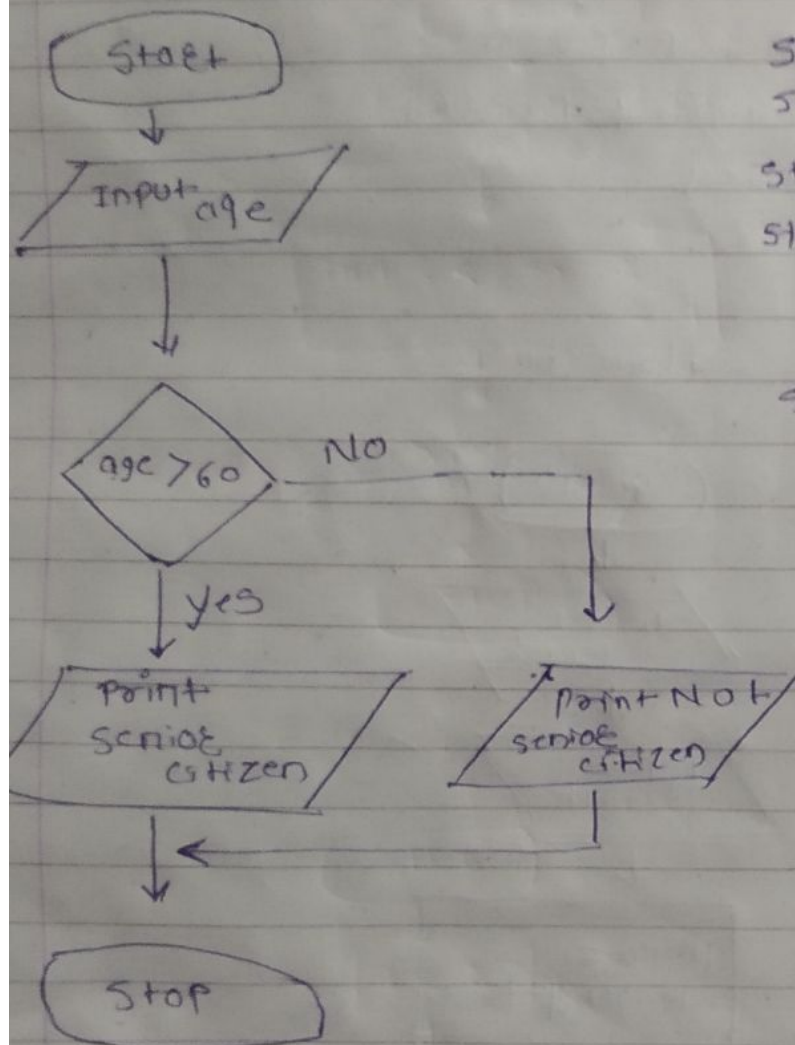Step 4 - Area = Length * Breath
Step 5 - Point Area
Step 6 - END

flow chart

Start

↓

Input length

↓

Input Breath

↓

Area = length * Body

↓

Point = Area

↓

END
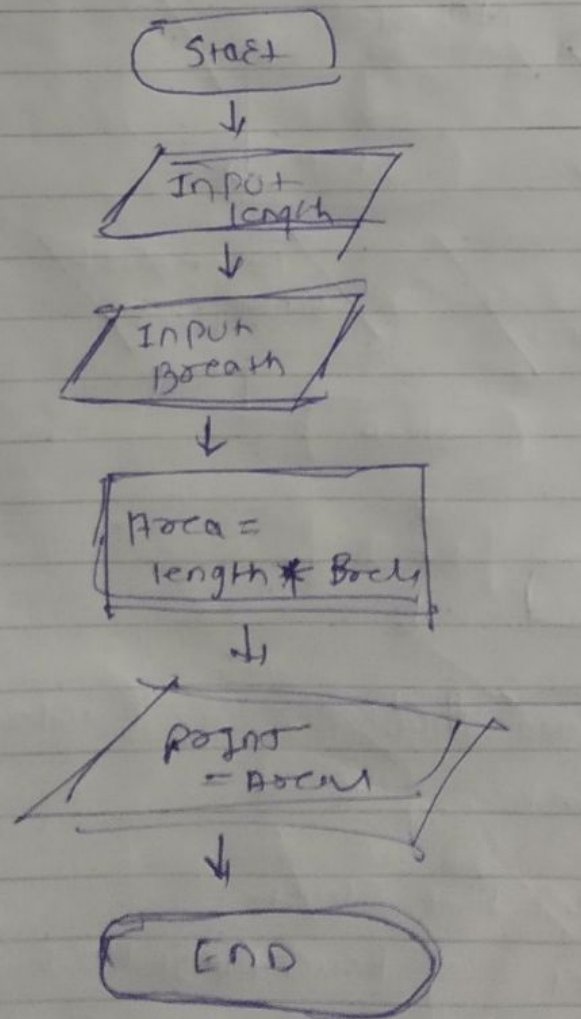
Flowcharts

Read age of person. If age less than 60 then
point "Not senior a citizen otherwise point
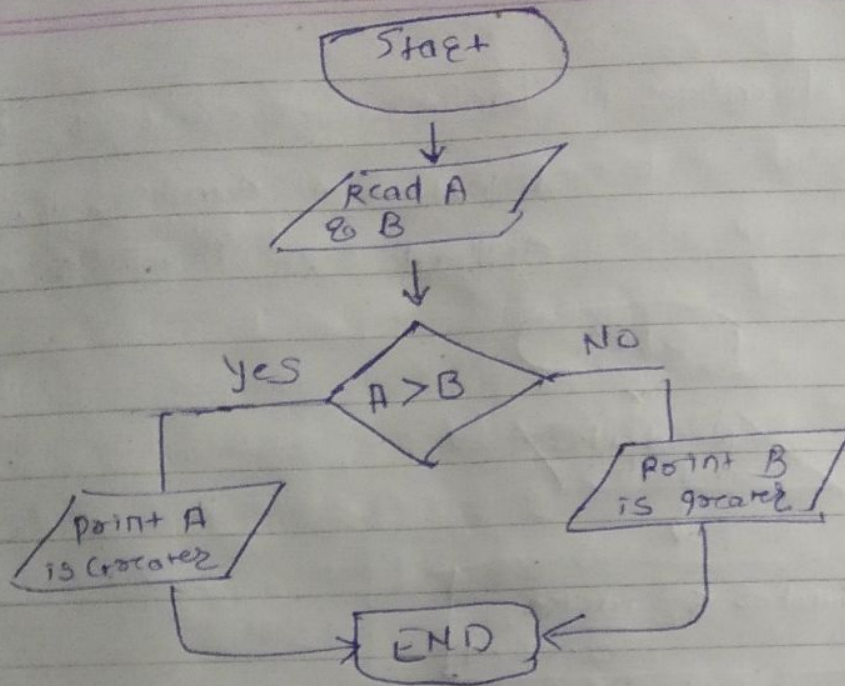Senior "citizen"

Algorithm

Step-1   Start
Step-2   Input the age of per
Step-3   If age <60 / age >
Step-4   point Not senior
          citizen / senior
          citizen
Step 5 -   END

```
Start
  ↓
Input age
  ↓
age >60  --NO-->
  |yes              ↓
Point              point Not
Senior             senior
citizen            citizen
  ↓      <---------
Stop
```

Read two Numbers & point Maximum of
2 numbers

Step 1 - Start
Step 2 - Read first No.s A
Step 3 - Read second No. B
Step 4 - If A>B, then point A is greater
Step 5 - If B>A, then point B is greater
Step 6 - END

Start

Read A
& B

A > B

yes

No

Point A
is Greater

Point B
is greater

END

c) Read three Numbers & print Smallest among 3 Numbers.

Start

Read three
No. A,B.C

A < B

No

yes

B < C

No

A < C

NO

yes

yes

Point B
is smallest No

Point C is
smallest No

Point A
is smallest
No

END

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