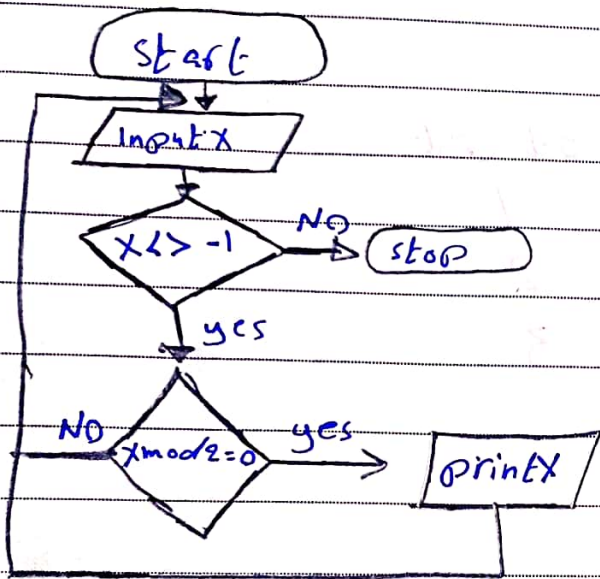


Lecture 5:

Looping 1:

ex. pag 8:

Find the out put for the following pseudocode, given the following inputs:
3, 4, 5, 6, 1.



out put :-

X	out put
3	4
4	6
5	
6	
1	

هذا هو الشكل الذي يجب أن يكون عليه البرنامج

(Flowchart) (البرنامج)

Looping

Find the output for the following pseudocode:-

1. start

2. sum = 0, X = 2

3. sum = sum + X

4. Increment X by 2

5. IF X <= 4 goto 3
↳ looping

6. Print sum

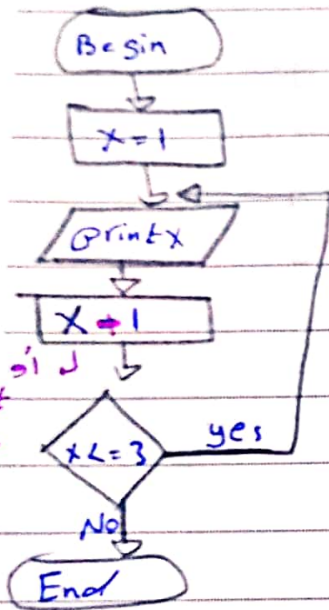
7. stop

sum	X	out put
0	2	6
2	4	
6	6	

Find the output for the following pseudocode.

1. Begin
2. $x = 1$
3. print x
4. Increment x by 1
5. IF $x \leq 3$ then goto 3
6. End.

Looping



(sol) →

x	out put
1	1
2	2
3	3
4	

Find the output for the following pseudocode. Assume the input are,

3, 4, 6, 5.

1. Begin
2. $c = 1$
3. IF $c \leq 3$ then input x else goto 7
4. IF $x \bmod 2 = 0$ then print x
5. $c = c + 1$
6. goto 3
7. end

c	x	out put
1	3	4
2	4	
3		

* ما فاصلا أرقام ال input كالتالي
 ← في سطر بنالها #