Tutorial #1 BY RIYADH 😊

Q1)

1-
Inputs : Blood Pressure

Output : High or Low or Average

Process :

if blood pressure <= 121 , print low

if blood pressure >= 122 and blood pressure <= 146, print Average

if blood pressure >= 147 , print High

2-
Algorithm
1- Start the prorgram

2- Read Blood pressure

3- Check if blood pressure <= 121 , print "low"

4- Check if blood pressure >= 121 and blood pressure <= 146, print "average"

5- check if blood pressure >= 147, "print high"

6- End the program

Q2)

1-

Inputs : book price

Output : Sale price

Process(حلين للسؤال) :

Check if book price <= 100, sale price = book price

Check if book price > 100 and book price <= 160, sale
price = book price * (100% - 10%)

Check if book price > 160 , sale price = book price *
(100% - 20%)

OR

Process(حلين للسؤال) :

Check if book price <= 100, sale price = book price

Check if book price > 100 and book price <= 160, sale
price = book price — (book price * 0.1)

Check if book price > 160 , sale price = book price —
(book price * 0.2)

2-
Flowchart

Start

Read book price

false

book price > 100

true

book price > 160

true

false

sale price = book price - (1.0 - 0.2)

print book price

Sale price = book price - (1.0 - 0.1)

Print sale price

END