Tutorial-3

i) Start
ii) Create an array AUTO[50]
iii) Create a function to generate random values between 250 & 350, random()
iv) Start a loop for 30 entries of AUTO and inside the loop, put
AUTO[i] = random()
and then, i = i + 1
v) Stop

a) i) Start
ii) Print the array AUTO
iii) Take an input from user between 0 & 30 and put it equal to p
iv) Starting from the end of AUTO, start a loop until pth position and apply
AUTO[i+1] = AUTO[i]
and then, i = i - 1
v) Take input from the user to be inserted, & put it in AUTO[p].
vi) Print the new array.
vii) Stop
If p=0, the element will be added in the beginning.
If p = 29, the element will be added at the end.

b) i) Start
ii) Print the original array.
iii) Take the input, p, from user between 0 & 30.
iv) Start a loop from pth position to the end of the array and apply this
AUTO[i] = AUTO[i+1]
& i = i + 1
v) Now, put AUTO[last] = 0
vi) Print the new array
vii) Stop

c) i) Start
ii) Take the input, p, from the user between 0 & 30.
iii) Take the input for the new value from the user and put it in AUTO[p].
iv) Stop

d) i) Start
ii) Start a loop from 0 to 30 on AUTO & apply the condition below
if AUTO[i] > 300
print i
i = i + 1
else
i = i + 1
iii) Stop

e) i) Start

ii) Start a loop on AUTO from 0 to 30

Print "i : AUTO[i]

$i = i + 1$

iii) Stop