U20CS110

Tutorial - 07

1) i) START

ii) Initialize array with green, yellow and red light in 2, 1, 0 index.

iii) 1. Sleep (30 sec)
2. Display arr[0]
3. sleep (30 sec)
4. Display arr[1]
5. Sleep (30 sec)
6. Display arr[2]
7. Repeat (1) to (6)

iv) END

2) i) START

ii) Input no. of buildings (n)

iii) Declare array A of size N and take input from user and declare a variable in main, also initialize to 0 & declare result to zero

iv) Create fn to find ascending series which take i and j in ascending function.

1) j = i + 1 & temp = A[i]

2) while A[i] < A[j] & i < N
if A[i] > A[j]
return i
else
Increment i ; increment j.

v) Store returned value in k.
k = ascending (i, N) // here i is another variable.

vi) Declare a temp variable m.

vii) 1) for m = 0 to (N - i) + 1 step + 1
2) Initialize result = 0
3) for i ≤ k, step + 1
if result = result XOR A[i]
if result > max
max = result.

viii) If k != (N-1)
goto step 4 and pass (i) value

ix) Display result

x) Exit

3) is START

ii) Creating array A[N]

iii) Input N // the no. of days.

iv) Input disc size.

v) Create another array to store descend of A[n] in descending order

vi) k = 0
max = B[k]
td = 0

vii) while A[td] not equal to max
print blank
td++.

viii) If A[td] = max
print max
k++.
max = B[k]

ix) i = td - 1
while i > 0
if A[i] = max
print max
k++.

max : B[k]

ix) i = tal . 1

else

i - -

print new line

x) td++

xi) If k ≠ N

goto step (vii)

xii) END.