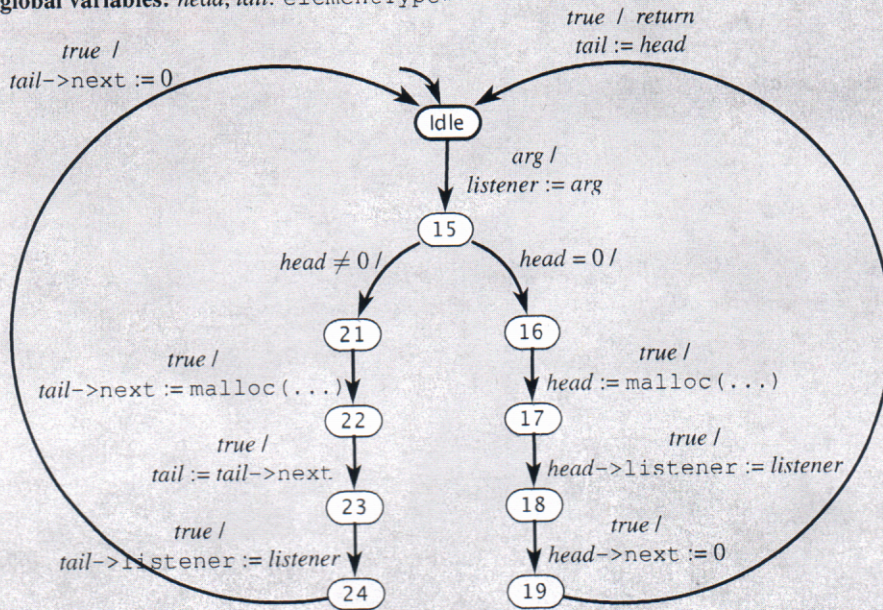


Solution of Assignment # 4

10.1

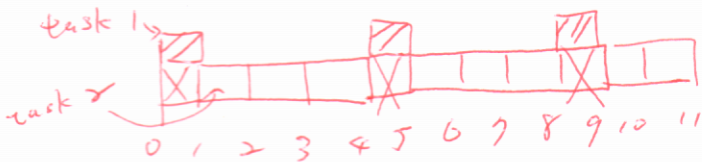
Solution:

input: arg: notifyProcedure
 output: return: pure
 local variables: listener: notifyProcedure
 global variables: head, tail: elementType*



11.1

(a) $\max(p_2) = 4$



(b) $\max(p_2) = 3$



(c) $RMS = \frac{11}{12} > non-RMS = \frac{9}{12}$

RMS is better

(d)

Yes. $f(p_1, p_2) = (4, 0)$

11.2

(a) $\max(p_2) = 4$



(b)

EPF has less preemption
 but the utilization is the same.