**Pseudo Code**

**# Declare 'S' as a set of current pages in the system.**

**# Declare a Queue name QPage which will be used to store the incoming pages.**

**# Queue will store in a FIFO manner**

**# Page fault PF is Initially set to zero.**

**S= set();**

**QPage = Queue();**

**PF=0;**

**for k = 0 to length (N) do**

**if length (S) < C then**

**if P[k] not in S then**

**S.add(P[k]);**

**PF = PF + 1;**

**QPage.put(P[k]);**

**end**

**else**

**if P[k] not in S then**

**val = QPage.queue[0];**

**QPage.get();**

**S.remove(val);**

**S.add(P[k]);**

**QPage.put(P[k]);**

**PF = PF + 1;**

**end**

**end**

**end**

**return PF;**