Average waiting time = 11

Average turn around time = 15.6

import java.io.\*;  
class FIFO  
{  
public static void main(String args[]) throws IOException  
{  
int fifo[]=new int[3];  
int n;  
BufferedReader br=new BufferedReader(new InputStreamReader(System.in));  
System.out.println(“Enter the number of inputs :”);  
n=Integer.parseInt(br.readLine());  
int inp[]=new int[n];  
System.out.println(“Enter the inputs:”);  
for(int i=0;i<n;i++)  
inp[i]=Integer.parseInt(br.readLine());  
System.out.println(“—————“);  
for(int i=0;i<3;i++)  
fifo[i]=-1;  
int Hit=0;  
int Fault=0;  
int j=0;  
boolean check;  
for(int i=0;i<n;i++)  
{  
check=false;

for(int k=0;k<3;k++)  
if(fifo[k]==inp[i])  
{  
check=true;  
Hit=Hit+1;  
}  
if(check==false)  
{  
fifo[j]=inp[i];  
j++;  
if(j>=3)  
j=0;  
Fault=Fault+1;  
}

}  
System.out.println(“HIT:”+Hit+” FAULT;”+Fault);  
}  
}  
/\*

First In First Out page replacement algorithm (FIFO) Output:

Enter the number of inputs :  
10  
Enter the inputs:  
2  
3  
5  
4  
2  
5  
7  
3  
8  
7  
—————  
HIT:2 FAULT;8