

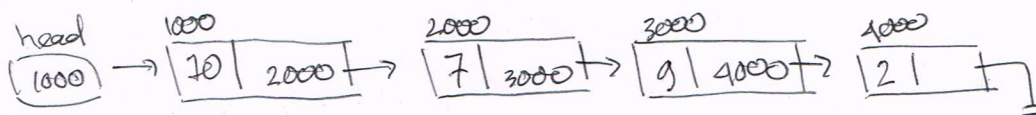


Ujian Tengah Semester Genap Tahun Akademik 2021/2022
Program Studi Teknik Informatika
Departemen Teknik Informatika dan Komputer
POLITEKNIK ELEKTRONIKA NEGERI SURABAYA
Kampus PENS, Jalan Raya ITS, Sukolilo, Surabaya 60111

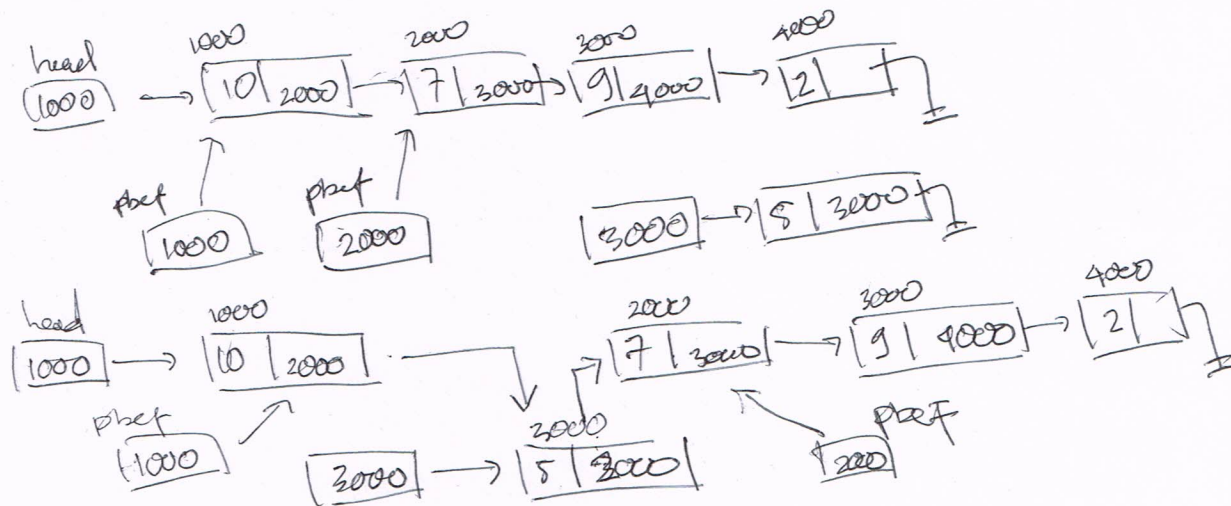
Mata Kuliah : Algoritma & Struktur Data
Kelas : 1 Kelas A
Dosen : Dr. Tita Karlita S.Kom, M.Kom

NRP : 3121550004
Nama : M. Faza Nur Husain

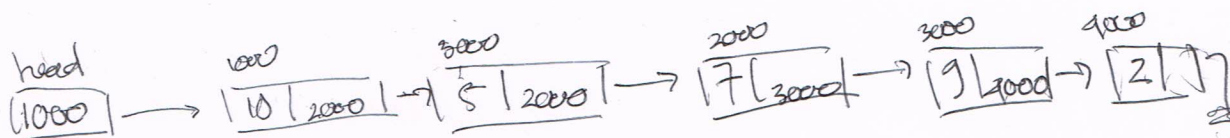
1. Single Link List



a. insert 5 sebelum 7

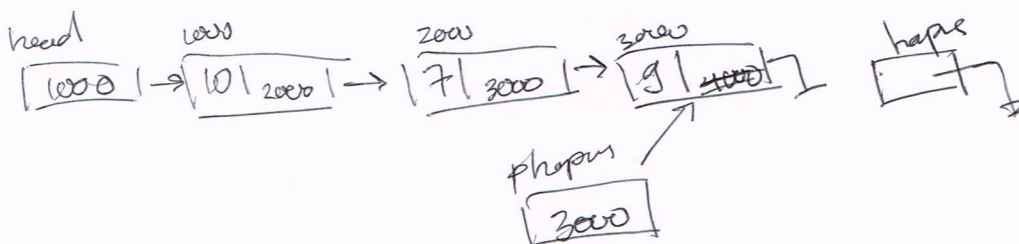
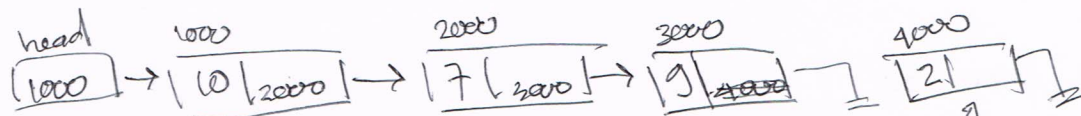
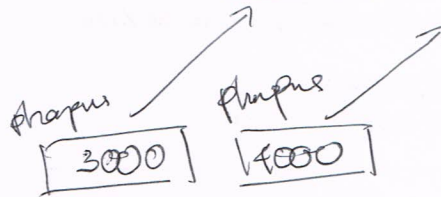
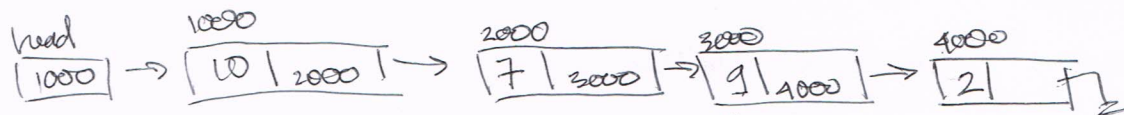


Hasil akhirnya :



1. single link list

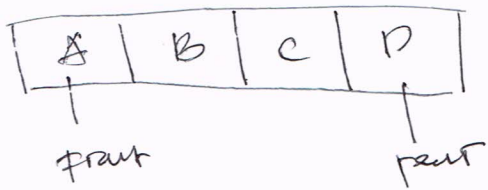
6 Delete Setelah ~~head~~ akhir



3. Notasi Infix $(A + B) * (C - D) / E$

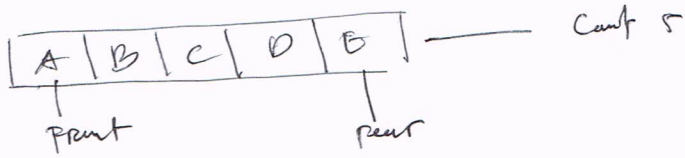
Karakter di baca	isi Tumpukan	Karakter Cetak	Hasil Notasi Postfix yg terbentuk
((
A	(A	A
+	(+	A	A +
B	(+	B	AB
)		+	A B +
*	*		AB +
((*		AB + (
C	(*	C	AB + C
-	(*		AB + C -
D	(*	D	AB + C D -
)		-	AB + C D -
/	/		AB + C D - /
E	/	E	AB + C D - E /

4. A sebuah Circular Queue maks 4

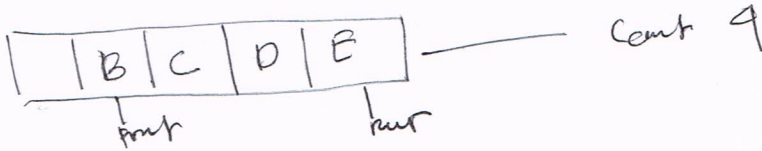


4. B

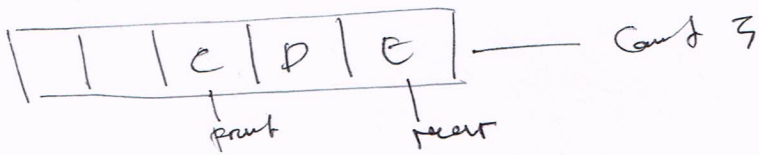
a. enqueue A B C D E



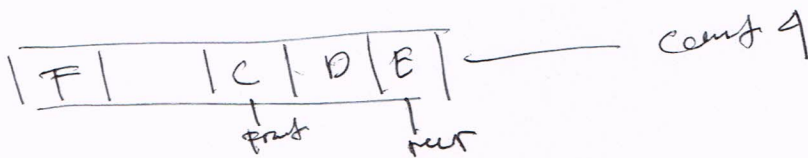
b. dequeue ()



c. dequeue ()



d. enqueue (F)



e. dequeue

