## LAPORAN PRAKTIKUM MATA KULIAH ALGORITMA DAN STRUKTUR DATA

**PERTEMUAN 8: STACK** 

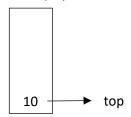


### KAYLA RACHMAUDINA SATITI PUTRI 2341760103 D-IV SISTEM INFORMASI BISNIS

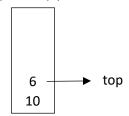
# JURUSAN TEKNOLOGI INFORMASI POLITEKNIK NEGERI MALANG 2024



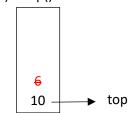




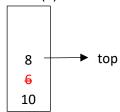
#### 2) Push(6)



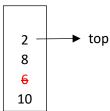
#### 3) Pop()



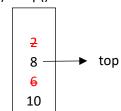
#### 4) Push(8)



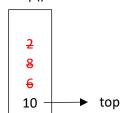
#### 5) Push(2)

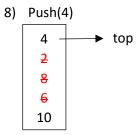


6) Pop()



#### 7) Pop()

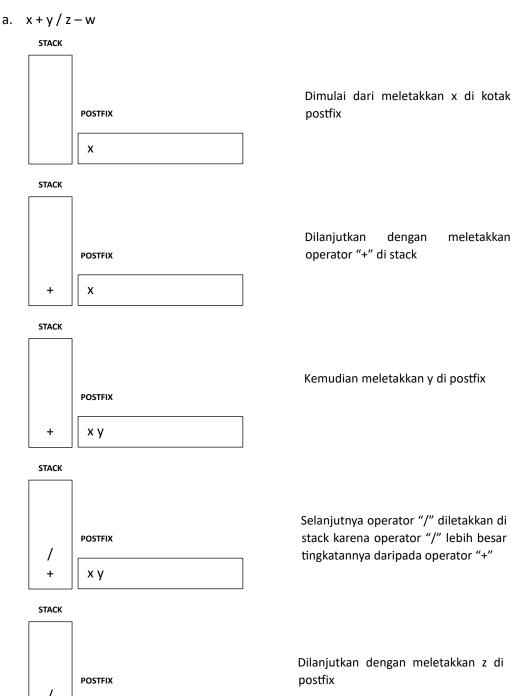


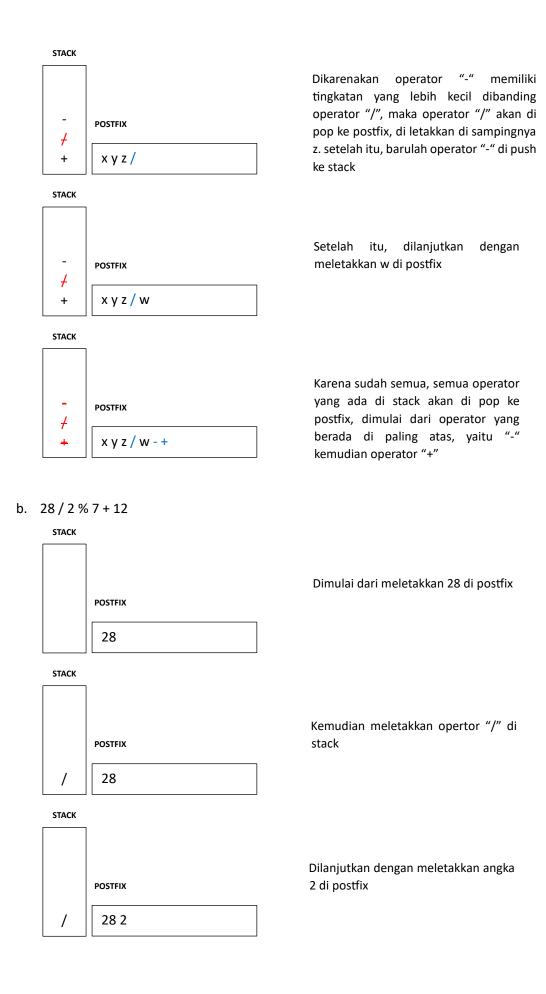


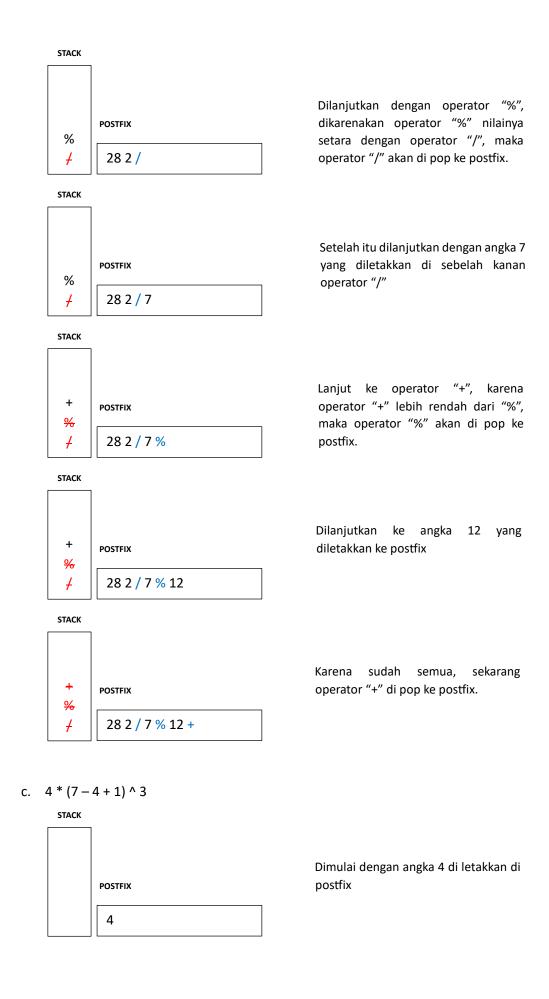
Jika kondisi kondisi awal stack kosong, berapa nilai top saat ini (setelah langkah 8)? Nilai top saat ini adalah 4.

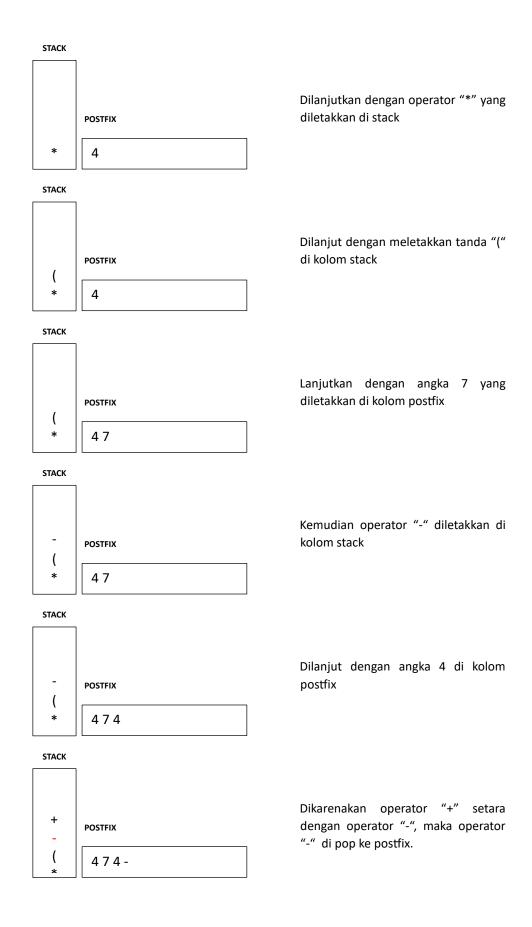
2. Lakukan konversi notasi infix berikut menjadi notasi postfix!

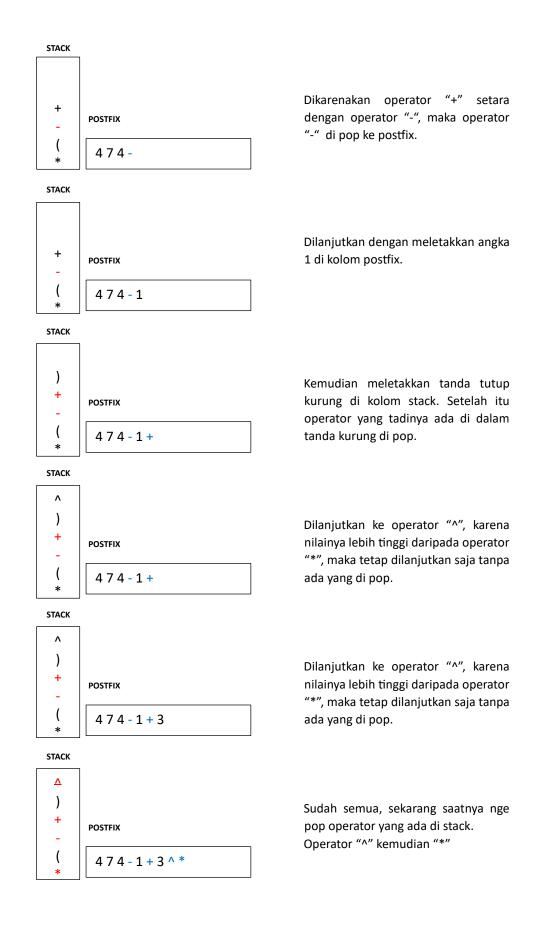
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#### 3. Hitung hasil ekspresi matematika berikut

$$15 - 6 = 9$$

$$27 - 6 = 21$$