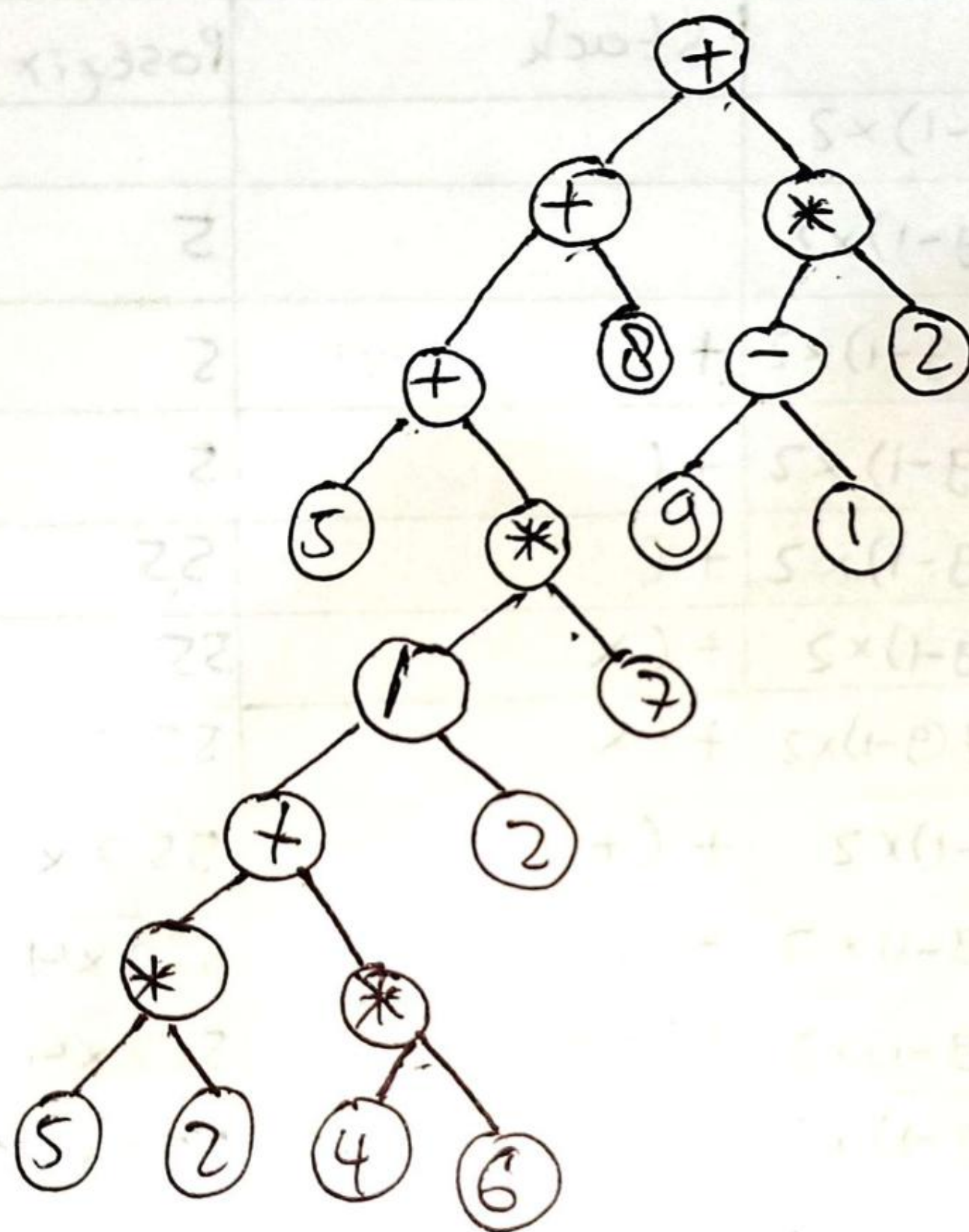


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 Kelas : LX01

1) a)



b) Postfix = 552*46*+2/7*+8+91-2*+

c) Prefix = +++5*/+*52*46278*-912

d) Infix to postfix

String	Stack	Postfix String
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$		
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$		5
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	5
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	5
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	55
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	55
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x4
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x4
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+9
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+9
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+91
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+91-
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+91-
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+91-2
$5 + (5 \times 2 + 4 \times 6) / 2 \times 7 + 8 + (9 - 1) \times 2$	+	552x46x+2/7x+8+91-2x+