Test Cases

run:

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $\_a\_3B$

Your string #1 is: $\_a\_3B$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: a in state: 5 popped symbol: ε pushed symbol: ε

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: 3 in state: 5 popped symbol: ε pushed symbol: ε

Char: B in state: 5 popped symbol: ε pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is accepted

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $\_ba76+R\*3-fF\_45n/812$

Your string #2 is: $\_ba76+R\*3-fF\_45n/812$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: b in state: 5 popped symbol: ε pushed symbol: ε

Char: a in state: 5 popped symbol: ε pushed symbol: ε

Char: 7 in state: 5 popped symbol: ε pushed symbol: ε

Char: 6 in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: R in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: 3 in state: 3 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: f in state: 5 popped symbol: ε pushed symbol: ε

Char: F in state: 5 popped symbol: ε pushed symbol: ε

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: 4 in state: 5 popped symbol: ε pushed symbol: ε

Char: 5 in state: 5 popped symbol: ε pushed symbol: ε

Char: n in state: 5 popped symbol: ε pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: 8 in state: 3 popped symbol: ε pushed symbol: ε

Char: 1 in state: 3 popped symbol: ε pushed symbol: ε

Char: 2 in state: 3 popped symbol: ε pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is accepted

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $ba+\_c4\*7m-f8/h98u$

Your string #3 is: $ba+\_c4\*7m-f8/h98u$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: b in state: 5 popped symbol: ε pushed symbol: ε

Char: a in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: c in state: 5 popped symbol: ε pushed symbol: ε

Char: 4 in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: 7 in state: 3 popped symbol: ε pushed symbol: ε

Char: m in state: 1 popped symbol: ε pushed symbol: ε

Crash at character #9: m

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $(x23g)y33$

Your string #4 is: $(x23g)y33$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: x in state: 5 popped symbol: ε pushed symbol: ε

Char: 2 in state: 5 popped symbol: ε pushed symbol: ε

Char: 3 in state: 5 popped symbol: ε pushed symbol: ε

Char: g in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: y in state: 1 popped symbol: ε pushed symbol: ε

Crash at character #7: y

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $(((r1+9-fs)\*212))\*(a2)$

Your string #5 is: $(((r1+9-fs)\*212))\*(a2)$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: r in state: 5 popped symbol: ε pushed symbol: ε

Char: 1 in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: 9 in state: 3 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: f in state: 5 popped symbol: ε pushed symbol: ε

Char: s in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: 2 in state: 3 popped symbol: ε pushed symbol: ε

Char: 1 in state: 3 popped symbol: ε pushed symbol: ε

Char: 2 in state: 3 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: a in state: 5 popped symbol: ε pushed symbol: ε

Char: 2 in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is accepted

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $(t0+wk)\*bn)/c1$

Your string #6 is: $(t0+wk)\*bn)/c1$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: 0 in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: w in state: 5 popped symbol: ε pushed symbol: ε

Char: k in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: b in state: 5 popped symbol: ε pushed symbol: ε

Char: n in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: c in state: 5 popped symbol: ε pushed symbol: ε

Char: 1 in state: 5 popped symbol: ε pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is not accepted: Stack is not empty

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $(((ui+ej\*(vk+ci))/pt)$

Your string #7 is: $(((ui+ej\*(vk+ci))/pt)$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: u in state: 5 popped symbol: ε pushed symbol: ε

Char: i in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: e in state: 5 popped symbol: ε pushed symbol: ε

Char: j in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: v in state: 5 popped symbol: ε pushed symbol: ε

Char: k in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: c in state: 5 popped symbol: ε pushed symbol: ε

Char: i in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: p in state: 5 popped symbol: ε pushed symbol: ε

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is not accepted: Stack is not empty

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $+g5$

Your string #8 is: $+g5$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: + in state: 1 popped symbol: ε pushed symbol: ε

Crash at character #1: +

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $52\*(872/(P+kd34E/e3)-FW)+6/(((rw\*\_y4\_b\_d-r57ee\*t)/y6+ugf))$

Your string #9 is: $52\*(872/(P+kd34E/e3)-FW)+6/(((rw\*\_y4\_b\_d-r57ee\*t)/y6+ugf))$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: 5 in state: 3 popped symbol: ε pushed symbol: ε

Char: 2 in state: 3 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: 8 in state: 3 popped symbol: ε pushed symbol: ε

Char: 7 in state: 3 popped symbol: ε pushed symbol: ε

Char: 2 in state: 3 popped symbol: ε pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: P in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: k in state: 5 popped symbol: ε pushed symbol: ε

Char: d in state: 5 popped symbol: ε pushed symbol: ε

Char: 3 in state: 5 popped symbol: ε pushed symbol: ε

Char: 4 in state: 5 popped symbol: ε pushed symbol: ε

Char: E in state: 5 popped symbol: ε pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: e in state: 5 popped symbol: ε pushed symbol: ε

Char: 3 in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: F in state: 5 popped symbol: ε pushed symbol: ε

Char: W in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: 6 in state: 3 popped symbol: ε pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: r in state: 5 popped symbol: ε pushed symbol: ε

Char: w in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: y in state: 5 popped symbol: ε pushed symbol: ε

Char: 4 in state: 5 popped symbol: ε pushed symbol: ε

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: b in state: 5 popped symbol: ε pushed symbol: ε

Char: \_ in state: 5 popped symbol: ε pushed symbol: ε

Char: d in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: r in state: 5 popped symbol: ε pushed symbol: ε

Char: 5 in state: 5 popped symbol: ε pushed symbol: ε

Char: 7 in state: 5 popped symbol: ε pushed symbol: ε

Char: e in state: 5 popped symbol: ε pushed symbol: ε

Char: e in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: y in state: 5 popped symbol: ε pushed symbol: ε

Char: 6 in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: u in state: 5 popped symbol: ε pushed symbol: ε

Char: g in state: 5 popped symbol: ε pushed symbol: ε

Char: f in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is accepted

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $g0\*(hs+(df-\*ft))$

Your string #10 is: $g0\*(hs+(df-\*ft))$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: g in state: 5 popped symbol: ε pushed symbol: ε

Char: 0 in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: h in state: 5 popped symbol: ε pushed symbol: ε

Char: s in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: d in state: 5 popped symbol: ε pushed symbol: ε

Char: f in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: \* in state: 1 popped symbol: ε pushed symbol: ε

Crash at character #12: \*

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $(tg+(hy-j7))/uk)\*ri+(eo/wp$

Your string #11 is: $(tg+(hy-j7))/uk)\*ri+(eo/wp$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: g in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: h in state: 5 popped symbol: ε pushed symbol: ε

Char: y in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: j in state: 5 popped symbol: ε pushed symbol: ε

Char: 7 in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: u in state: 5 popped symbol: ε pushed symbol: ε

Char: k in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: r in state: 5 popped symbol: ε pushed symbol: ε

Char: i in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: e in state: 5 popped symbol: ε pushed symbol: ε

Char: o in state: 5 popped symbol: ε pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: w in state: 5 popped symbol: ε pushed symbol: ε

Char: p in state: 5 popped symbol: ε pushed symbol: ε

Char: $ in state: 8 popped symbol: $ pushed symbol: ε

String is accepted

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $(tg+(hy-j9))/uk)ri$

Your string #12 is: $(tg+(hy-j9))/uk)ri$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: g in state: 5 popped symbol: ε pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: h in state: 5 popped symbol: ε pushed symbol: ε

Char: y in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: j in state: 5 popped symbol: ε pushed symbol: ε

Char: 9 in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: / in state: 6 popped symbol: ε pushed symbol: ε

Char: u in state: 5 popped symbol: ε pushed symbol: ε

Char: k in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: r in state: 1 popped symbol: ε pushed symbol: ε

Crash at character #17: r

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $wm-(tn\*bu)+$

Your string #13 is: $wm-(tn\*bu)+$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: w in state: 5 popped symbol: ε pushed symbol: ε

Char: m in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: ( in state: 4 popped symbol: ε pushed symbol: T

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: n in state: 5 popped symbol: ε pushed symbol: ε

Char: \* in state: 6 popped symbol: ε pushed symbol: ε

Char: b in state: 5 popped symbol: ε pushed symbol: ε

Char: u in state: 5 popped symbol: ε pushed symbol: ε

Char: ) in state: 7 popped symbol: T pushed symbol: ε

Char: + in state: 6 popped symbol: ε pushed symbol: ε

Char: $ in state: 1 popped symbol: ε pushed symbol: ε

Crash at character #12: $

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $wm-tn(\*bu)$

Your string #14 is: $wm-tn(\*bu)$

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: w in state: 5 popped symbol: ε pushed symbol: ε

Char: m in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: t in state: 5 popped symbol: ε pushed symbol: ε

Char: n in state: 5 popped symbol: ε pushed symbol: ε

Char: ( in state: 1 popped symbol: ε pushed symbol: T

Crash at character #6: (

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: y

Enter string: $wm-)tn\*bu($

Your string #15 is: $wm-)tn\*bu($

Char: $ in state: 2 popped symbol: ε pushed symbol: $

Char: w in state: 5 popped symbol: ε pushed symbol: ε

Char: m in state: 5 popped symbol: ε pushed symbol: ε

Char: - in state: 6 popped symbol: ε pushed symbol: ε

Char: ) in state: 1 popped symbol: T pushed symbol: ε

Crash at character #4: )

String is not accepted: Does not follow specifications

Do you want to enter a string? Enter 'y' for yes or 'n' for no: n

End program

BUILD SUCCESSFUL (total time: 4 minutes 37 seconds)