![Graphical user interface, text, application, Teams

Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAeAB4AAD/4RDcRXhpZgAATU0AKgAAAAgABAE7AAIAAAAGAAAISodpAAQAAAABAAAIUJydAAEAAAAMAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGFkbWluAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM4MAAAkpIAAgAAAAM4MAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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Here inside (b) we have no expression that is operator and hence redundant.

![A picture containing text, blackboard, night sky

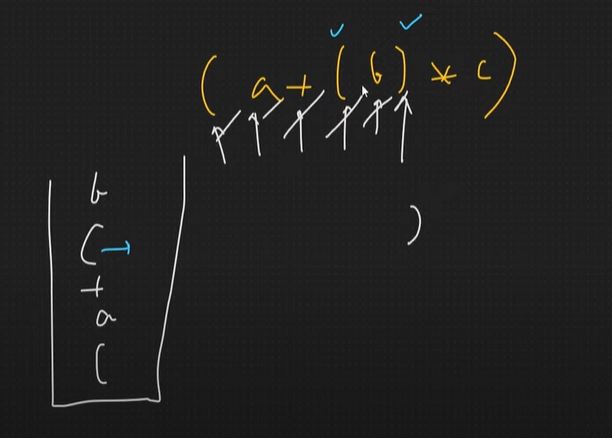
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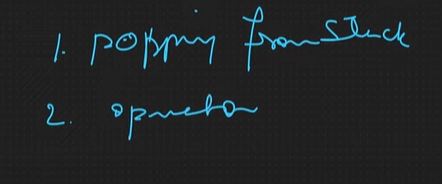
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znS5YK+q+42ouKlduxb0+1j8CacNW1NVbXJ0IsLRutuCMea49fQUmlXbeNdHbQNUm3arBul026kPMhPLQk+/UVyF/e3WpXsl5fTvPPKcu7nJJqKKWSCZZInZJEYMrKcEEdKy+qSlFzk/f79vJeRXtrOyWg6aCW2uJIZ42jljYq6MMFSOoq3o2r3GiX/wBss1iaQIUxLGHXB9jXUsbPx/ZqZZ4LLxHCoDNIQkd6o756B653xBpNvouopZQXqXckcKm4ZPuLKeqg98cc1pTrRrfuqi97qv66Eyg4+/HY1x8SNa/54af/AOAq10HhPxxqd5Jqt1cx2ax2GmzXAMduFO/hV5+przLHGatWmo3Vja3sFtJtjvohDOMfeUMGx+YFZVsvozg4xirlQxE1K7Zs6l441rVNOlsrmS3WCZQHWKBVz+Nc5QeKCMd67adKFJcsFYylNzd2GPmxQPlYEfw8/lRjnGaB1wDWjV1YhbnV/EdM+OLm4X7l5BDcof7weJefzrlMcE111lrGh61o9rp/itri3nsU8q2voF3kxdQjD27GuTcAO2w5UMQpI6jPBrlwrcYeykrOP4mtWzfMnuN/hzQeg5zRikxiusyFI5pcfNikIxQBQAp5rQ0LTYdV1eK2u7yOzt8F5ZpDgKg5OPf0FZw60AVM05RaTsNaO5t+K9aj1zXGls08qxt41trSM/wxJwPxPX8axCO/vRjNGOM0qdONOChHoOUnJ3YvQUUmMYoPUVZIuO1JjJxRjtQBzQAlKDQB1oxQAGjkc+tGPlzQRwKAA+9HSg0Y5xQBb0rTLnWdVt9Psl3T3DhF9vc+w61teNtRt59Vh0vTG3ado8QtICOjkfff8WzV+yH/AAhvhVr+T5dZ1iMx2i/xW9ufvSexboK4vOK4af7+t7T7MdF5vqzeXuQ5erADijHH40DpQRxXcYBj5RRig8AUEYoAMc4oA+ajHOKAOaAADOaUDNIBnNAFABjvmjAxnNHGKO1ABgYzXX+E0XXNA1Twu7A3EgF7p+e8yD5kH+8v8q5DjiprW7msbyK6tJDFPC4eN16qRWGIpOrCy33XqaU5csrsiKFXKsNpBwQe1IBXU69qega/ZvqQSWx1ltvmwxpmGds8sD/D61y2BTo1HUjeSsxTiovR3Epf4TzSUuOK2IDsOaUUmPlBoxxQAtG0E0cCjIz7UDAZB64x0pOvWlzRjijqAcHvSYH1pTxSHp1oELgCggDvSY4oIA6HNABgZxmgYzRxnrQMZ68UAHBB5ox8tAGQaSgBe1B7c5oxxQRgCgBT1FIRljzQR05owKAADPegDPejAz1oAHc0AGM96McZzR2o7e9AAR05oI7Zo4xQcetABjtmgDJ60cetAxnmgAAznmjHvQAOeaOKADHGc0Y6c0dqD0HNAAR6c11XhfQ7WK1bxD4hBXSrVv3cZ4N3J2RfbPU1X8L6Ha3v2jVNZmMOkafgzlfvSufuxr7mq/iXxFNr94uEW2srceXa2qfdiT/H1NcVWUqs3Rp7dX+i8zeCUFzy+RV1rWLrXdYmv75gZJDhVX7sajooHoBWf170DHrQK64QjCKjHZGLbbuwx70YxzmjORRj3qhBjAB60EY70HGOKOKADHOM0Ac9aMc+1AxnmgAAznmgDPegfWgAHqaAA4xx1o42j170HGPej+EetAAccY/GjA7UrADGPxpCBmgAx1POPWjiuv8Ah4ltqOrXvhy7RNmt2rW8UjAZjmX54iD/ALwx+NclJG8MzxTrsljYq6+jA4I/OgBlL2oNHG0+tAAelB7UHGBijigBeKTjd7UuBSYG72oAOM89KOOP0o4zzS4GOTQAHFJSnFJ2oAOKCBxig4oOKADAz14oAz9KOM8dKOM0AAx3peKQY70EYoADig9BRxig4wMfjQAHFHGfaggZo4z7UAAxu56UDHOaABu9qBjnNABx+NHH45o4/GjjHvQAHGBjr3oOO3Sg4wMde9Bx2oAOM+1Axu56UvGaQY3c9KAAY5z+FHFAxzmgY70AHG33oONox170YG33oONox170AO8x/KMQdvLJDFM8Z9cUwj5vagj0oxzSskAoA7mgY5z+FKAKQY5z+FMA45peMcdaQd6XjHHWgBDjAx170HGRig4wMde9BxkYoAP4vagYzz0o/ix2pQBu56UAIMc5pRjvSDHOaVQD1oAQ4xQT8tBxjFBI2+9AAaOM+1KSKTIzQBPYXU9jqVtd2RYTwTJJFtHO4MMD866r4n2ENt4ze/tl22urwR6hEoGNpkX51/BwwrmNMONZsdvB+1wf+jVr2z4/abo93YW2raLdRO1rO8VxFEMrln2nBHAIccj396APCRjBzRxj3o4xRxj3oAONvHWg44x6c0ZGOBQSOPpQAE+lHGfajIz04oyN3Tj0oAOM89KOMUcbunFHGDQAcc0HHbrR2PrR296ADjtQcdqCR2FBI9KADjPtRx3pcjd04zSAjnIoABjvRnjnrQCO4oH3TnrQAcY96CRgY696O3vQSNvHWgAOM8Ucbvag4oBG7pQAD71IMc5pQQGNAI5yKAA4oOPxo4FH8PvQAHHag47UHoMUEj0oAOKBjdS5HpQCN3PSgBBjnNHHOaARzmgEDNAB/CKDjj1o42ig9BxQAEijPzUEjI4oyN2cUAAPPPSjjnNKCN3IpOMmgAB9aOKBjFGR6UAGeOOtHHajsPWjjjFABxu9qXjJpP4+nGaB945FAAMYOaBSg9c0gxzmgC7o2k3Ou6xa6ZYKrXN1J5cYY4BOCf6VTdShKsMMrFSPcHFdZ8LP+Sq+HP8Ar9H/AKA1cxef8fk//XV//QjQBCelHSjPajPtQAoYqwKnBByCOx613HgKeTWdL8QeGbhvMF3p891bBjyJ02uT+IjH4iuGzznHHpXR/D/Uv7J+IGjXpUsi3SpIo6sj/Kw/JqAOcByoPqM0dvereqwR22s30MOfLjuJETPXAYgVUzxQAcYoNGc9qCeOlACUvfpRn2ozzmgA79KOxozzmkoAXtSUUvagANBoJz26UZ9qADjPtQKM47UZx2oAB70dvejNGeMYoAO3vQelGeMUE5xQAGjvQTntRn2oAB96gUZx2ozigAo7e9GaM8YoAKD7UHnFBOelABxmgHmjPtQD7UAAoFANGaADtx1oOMDFGeMUZoADR3ozz0ozz0oAB1oHegHFAOKAAdDSUvSjOeMUAHaj0oJyMUE+1AB/FQPvUZ5zigHB6UAA6GgY70A4pc47UAf/2Q==)

Logic will be on this.



See we push operator variable and opening parenthesis.

Now closing came we need to check in between operator or not.



We will start popping element between opening and closing bracket and if no operator in between then redundant.

Code:

<https://www.geeksforgeeks.org/expression-contains-redundant-bracket-not/>