CSE 4321 Project

Test Cases

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# Test Cases

## open\_character\_stream()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, End]

## open\_token\_stream()

Test Path 1: [Start, 1, 2, 4, End]

Test Path 2: [Start, 1, 3, 4, End]

## get\_token()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, 4, 5, 4, 6, 7, End]

Test Path 3: [Start, 1, 3, 4, 6, 8, 9, End]

Test Path 4: [Start, 1, 3, 4, 6, 8, 10, 11, 12, 13, 14, 15, End]

Test Path 5: [Start, 1, 3, 4, 6, 8, 10, 12, 14, 16, 17, 18, 19, 17, 20, 21, End]

Test Path 6: [Start, 1 ,3, 4, 6, 8, 10, 12, 14, 16, 17, 20, 22, 23, End]

Test Path 7: [Start, 1, 3, 4, 6, 8, 10, 12, 14, 16, 17, 20, 22, 24, 25, End]

Test Path 8: [Start, 1, 3, 4, 6, 8, 10, 12, 14, 16, 17, 20, 22, 24, 26, 27, End]

Test Path 9: [Start, 1 ,3, 4, 6, 8, 10, 12, 14, 16, 17, 20, 22, 24, 26, 28, End]

## is\_token\_end()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, 4, 6, End]

Test Path 3: [Start, 1, 3, 4, 5, End]

Test Path 4: [Start, 1, 3, 7, 8, 9, End]

Test Path 5: [Start, 1, 3, 7, 8, 10, End]

Test Path 6: [Start, 1, 3, 7, 11, 12, End]

Test Path 7: [Start, 1, 3, 7, 11, 13, 14, End]

Test Path 8: [Start, 1, 3, 7, 11, 13, 15, End]

## token\_type()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, 4, End]

Test Path 3: [Start, 1, 3, 5, 6, End]

Test Path 4: [Start, 1, 3, 5, 7, 8, End]

Test Path 5: [Start, 1, 3, 5, 7, 9, 10, End]

Test Path 6: [Start, 1, 3, 5, 7, 9, 11, 12, End]

Test Path 7: [Start, 1, 3, 5, 7, 9, 11, 13, 14, End]

Test Path 8: [Start, 1, 3, 5, 7, 9, 11, 13, 15, End]

## print\_token()

Test Path 1: [Start, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, End]

Test Path 2: [Start, 1, 3, 5, 7, 9, 11, End]

## is\_comment()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, End]

## is\_keyword()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, End]

## is\_char\_constant()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, End]

## is\_num\_constant()

Test Path 1: [Start, 1, 2, 8, End]

Test Path 2: [Start, 1, 2, 3, 4, 6, End]

Test Path 3: [Start, 1, 2, 3, 4, 5, 3, 7, End]

## is\_str\_constant()

Test Path 1: [Start, 1, 2, 8, End]

Test Path 2: [Start, 1, 2, 3, 4, 5, End]

Test Path 3: [Start, 1, 2, 3, 4, 6, 3, 7, End]

## is\_identifier()

Test Path 1: [Start, 1, 2, 8, End]

Test Path 2: [Start, 1, 2, 3, 4, 6, End]

Test Path 3: [Start, 1, 2, 3, 4, 5, 3, 7, End]

## print\_spec\_symbol()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, 4, End]

Test Path 3: [Start, 1, 3, 5, 6, End]

Test Path 4: [Start, 1, 3, 5, 7, 8, End]

Test Path 5: [Start, 1, 3, 5, 7, 9, 10, End]

Test Path 6: [Start, 1, 3, 5, 7, 9, 11, 12, End]

Test Path 7: [Start, 1, 3, 5, 7, 9, 11, End]

## is\_spec\_symbol()

Test Path 1: [Start, 1, 2, End]

Test Path 2: [Start, 1, 3, 4, End]

Test Path 3: [Start, 1, 3, 5, 6, End]

Test Path 4: [Start, 1, 3, 5, 7, 8, End]

Test Path 5: [Start, 1, 3, 5, 7, 9, 10, End]

Test Path 6: [Start, 1, 3, 5, 7, 9, 11, 12, End]

Test Path 7: [Start, 1, 3, 5, 7, 9, 11, 13, 14, End]

Test Path 8: [Start, 1, 3, 5, 7, 9, 11, 13, 14, 15, End]