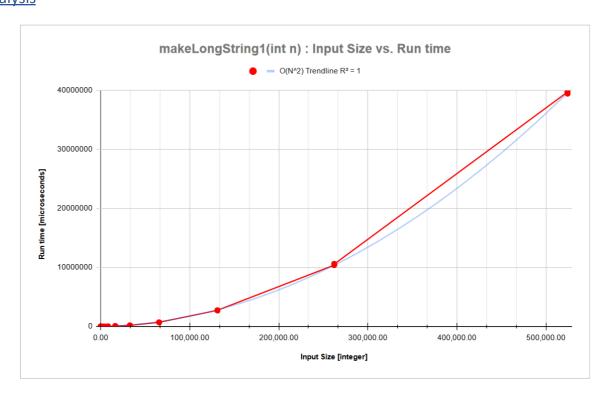
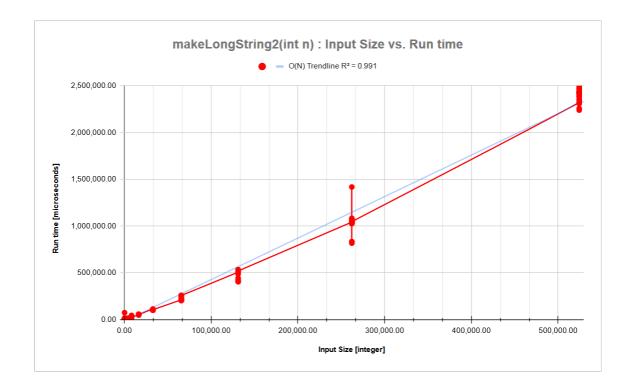
5.30 Main & Test Function

5.30 Analysis



Chapter 5 Programming - Programming Projects



Chapter 5 Programming - Programming Projects

5.41 Methods

```
public static long[] calculateNumbers()

{
    long[] powers = new long[MAX - MIN + 2];
    for (int number = MIN; number <= MAX; number++)

    {
        powers[number] = (long) Math.pow(number, b:5);
    }

return powers;
}</pre>
```

5.41 Output

```
c:\Users\wes\github-repos\cs2420_summer2023\Chapter5 - VS Code Console
|Found on loop 227539046:
( 0 < 19<= 43<= 46<= 47<= 67<= 75<= 75)
( 19^5 + 43^5 + 46^5 + 47^5 + 67^5 = 75^5)
| Press any key to continue . . . _
```