Now each term of the given series is to be compared above theorem ; and by ſubſtitution in the second, the with the correſpondent terms in the firſt part of the ſeveral terms of the required ſeries will be obtained.

Harmonic SERIES, a ſeries of terms formed in harmoni­cal proportion. It has been already obſerved in the article Proportion, that if three numbers be in har­monical proportion, the firſt is to the third as the dif­ference between the firſt and second is to the difference between the ſecond and third.

Again, let x be the fourth term, to find which in terms of a and b, we have

Whence the law of the ſeries is obvious, and it may be