

* **Successor** - Successor is the number just after the given number. Ex - 375469 - 375470

* **Predecessor** - Predecessor is the number just before the given number. Ex - 495730 - 495729

* **How to write number in short form :-**

Example - $80000 + 5000 + 2 = 85002$

we will add all the numbers and find the short form.

$$\begin{array}{r} 80000 \\ + 5000 \\ + 2 \\ \hline 85002 \end{array}$$

* **Expanded form :-**

Ex - $69543 = 60000 + 9000 + 500 + 40 + 3$

* **Ascending order** - It represents numbers from lowest to highest.

Ex - 15, 18, 5, 6, 9, 10

Ascending order - 5, 6, 9, 10, 15, 18

* **Descending order** - In descending order numbers are arranged from largest to smallest.

Example - 15, 18, 5, 6, 9, 10

Descending order - 18, 15, 10, 9, 6, 5

* Assignment to do :-

1. Write the number in short form -

a) $50000 + 3000 + 300 + 8 = \underline{\hspace{2cm}}$

b) $700000 + 40000 + 5000 + 800 + 40 + 8 = \underline{\hspace{2cm}}$

c) $900000 + 50000 + 3000 + 200 + 10 + 5 = \underline{\hspace{2cm}}$

* write the following in expanded form.

a) 354321

b) 895432

c) 913548

* Arrange the following numbers in ascending and descending order.

a) 75687, 8767291, 185468, 35069

b) 100976, 56803, 975631, 73018

c) 83541, 930635, 54107, 137054

d) 234501, 98754, 43210, 100954

* write the successor of each of the following numbers.

a) 576321

b) 900000

c) 100000

* write the predecessor of each of the following numbers.

a) 469379

b) 400000

c) 100000