

## ASSIGNMENT-2

## Chapter 2- Numbers up to 10,000

### TOPICS:

- 1] Build the greatest number- To get greatest number, we arrange the digits in descending order. E.g.  
 $7528 = 8 > 7 > 5 > 2 = 8752$
- 2] Build the smallest number – To get smallest number, we arrange the digits in ascending order. E.g.  
 $- 3249 = 2 < 3 < 4 < 9 = 2349$
- 3] Successor of a number – Add 1 to the given number. E.g. –  $4361 = 4361 + 1 = 4362$
- 4] Predecessor of a number – Subtract 1 from the given number. E.g.-  $1263 = 1263 - 1 = 1262$

Solve the following exercises (The first one in each has been done for you)

Q1) Build the greatest 4 digit number using the given digits:

- a)  $8, 0, 3, 6 = 8630$
- b)  $5, 2, 9, 1 =$
- c)  $4, 5, 3, 0 =$

Q2) Build the smallest 4 digit number using the given digits:

- a)  $0, 1, 8, 2 = 1028$
- b)  $7, 4, 6, 3 =$
- c)  $5, 6, 0, 9 =$

Q3) Find the successor of the given number:

- a)  $6502 = 6502 + 1 = 6503$
- b)  $5218 =$
- c)  $3096 =$

Q4) Find the predecessor of the given number:

- a)  $4376 = 4376 - 1 = 4375$
- b)  $7992 =$

c) 1000 =