Necessary Corrections

(Page-43)

An interpreter translates and executes code -------- by ----------.

(Page-55)

In C, C++, Java

1. int a =52;
2. float b;
   b=2.3456

(Page-61)

- Set is a collection which is unordered, mutable, and unindexed. No duplicate members.

(Page 80)

Here is an infinite loop example caused by a typical looping bug — the variable i accidentally stays at the value 1 and the loop just goes forever.

(Page 94)

The matrix of order 1 X n;

(Page-96)

size – Gives the stack's size; len() function will give the stack's size

(Page-97)

Fig: push and pop operations on stack

(Page-139)

But P= { a, b, b, c, d, e }, is not a set because the element b appears twice

(Page-140)

Some properties

(i) $A \subseteq A$ for every set A

(Page-141)

$A^C = (x \in U / X \notin A\}$

(Page-150)

Or in the form A = $(\quad)_{mXn}$ is called a matrix A of order mxn.

and if n=1 the matrix is said to be column matrix.

Ex: $B = [\, b_1, b_2, \ldots, b_n \,]$ Is row matrix of order 1xn

(Page-151)

But C= $\begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}_{2X2}$ D= $\begin{pmatrix} 1 & 3 \\ 2 & 4 \end{pmatrix}_{2X2}$

C and D are not equal

(Page 153)

But AB ≠ BA i.e. not follows commutative law

A square matrix of any order having all principal diagonal elements are 1 (one), and all other elements are 0(zero) is called identity (or unit) matrix and it is denoted by I or $I_{n,n}$; mXn be the order .

(Page 153)

The plural of matrix is matrices; (somewhere typed matrixes, however the good practices are to write matrices)

(Page-173)

He has created websites, blogs, various useful software too. He like teaching, and he has also involved in teaching.