

- Om namah shivaya -

Date-22nov13

C syllabus

Duration-2 months

1 – Introduction

2- Data types

3- operators

4- control structures

5- Arrays

6-Function

7-pointres

8-structures and unions

9- File handling

10- macro Expansion



)average_price			
7)	a*b	No	Special char not allowed
8)	1A3	NO	Begins with digit
9)	Sim-int	NO	-not allowed(but_allowed)
10)	n2+n1	NO	+not allowed
11)	Col.tol	NO	.not allowed

Exercise : Consider following example and check whether they are valid variable names if not why? Give reason.

Operators

Operator is a symbol that tells the computer to perform certain mathematical or logical manipulations.

- 1) Arithmetic operator
- 2) Relational operator.
- 3) Logical operator.
- 4) assignment operator.
- 5) Increment and decrement operator.
- 6) conditional operators.
- 7) Bitwise operators.



Q 2) write 'c' assignment statement to evaluate the following equations.

1. $\text{Area} = \pi r^2 + 2\pi rh$

Ans- $\text{area} = 3.14 * r * r + 2 * 3.14 * r * h;$

2. $\text{Torque} = 2m_1m_2.9/m_1+m_2$

Ans = $2 * m_1 * m_2 / m_1 + m_2 * g;$

Q 3) determine the value of following logical expressions if , $a=5, b=10, c=-6$.

Use table for answers

A	B	A&&B	A B
T	T	T	T
T	F	F	T
F	T	F	T
F	F	F	F

1) $A > b \&\& a > c$

$5 > 10 \&\& 5 > -6$

False && true --- f i.e value = 0

2) $a < b \&\& a > c$

$5 < 10 \&\& 5 > -6$

T && t ----

t i.e value = 1

3) $a == b || b > a$

$a == b$ ---- false

$b > a$ ----- true

value = 1

