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Criusianming accessing value and (http://www.c4learn.com/)

CONSIDER HELOW table We have declared some of the variables and also assumed CIVIL SERVICES (HTTP://WWW.C4LEARN.COM/CIVILSERVICES/) address of Pointer some address for declared variables.

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Data Type	Initial Address	Operation	Address after Operations	Required Bytes
int	4000	++	4002	2
int	4000		3998	2
char	4000	++	4001	1
char	4000		3999	1
float	4000	++	4004	4
float	4000		3996	4
long	4000	++	4004	4
long	4000		3996	4

We can see address of an variable after performing arithmetic operations.

Expression	Result
Address + Number	Address
Address – Number	Address
Address – Address	Number
Address + Address	Illegal

Above table clearly shows that we can add or subtract address and integer number to get valid address. We can even subtract two addresses but we cannot add two addresses. Here are some pointer tutorials on Arithmetic Operations -

No	No Tutorial		Link	
1	Pointer Arithmetic Incrementing Pointer	:	Click Here (http://www.c4learn.com programming/c-incrementing-pointer/)	/c-
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