

Programming In C

Tutorial Three

30499

01) Here are four different C statements that each add 1 to integer variable x.

- `X=X+1;`
- `X+=1;`
- `++X;`
- `X++;`

02) a) `Z=X++ +y;`
b) `product*=2;`
c) `product=product*2;`
d) `if (count>10)`
e) `.Total-= --X;`
`. x = x+1;`
`Total = Total – x;`
f) `.Total+=X--;`
`. Total = Total + x;`
`x = x – 1;`
g) `. q=q-(q/divisor)* divisor;`
`. q=fmod(q,divisor);`
h) `printf("%.2f",123.4567);`
i) `printf("%.3f", 3.14159);`

03) a) `scanf("%d",&x);`
b) `scanf("%d",&y);`
c) `int i = 1;`
d) `int power = 1;`
e) `power = power*x;`
f) `. i = i + 1;`

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    . i ++;  
g) while ( i<=y )  
h) printf ("%d", power);
```