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|--|---|----------------------------|
| Program example | ole: Arithmetic.c (| part 1/3) |
| <pre>/* Arithmetic.c: /* /* author: Raine /* /* modifications /* 10/06/04 RD #include <stdio. /* main function int main(void) { /* variable int main a be</stdio. </pre> | arithmetic expresions r Doemer : initial version h> */ definitions */ | */ */ */ */ */ |
| double p, q, | r, x; | |
| EECS10: Computational Methods in | ECE, Lecture 2 | (c) 2013 R. Doemer 18 |





| <pre>\$ Example session: Arithmetic.c % vi Arithmetic.c % gcc Arithmetic.c -Wall -ansi -o Arithmetic % ls -1 total 20 -rwx 1 doemer faculty 7344 Oct 6 08:42 Arithmetic* -rw 1 doemer faculty 1154 Oct 6 08:37 Arithmetic.c % Arithmetic Please enter the value for real x: 3.1415927 Please enter the value for integer a: 5 Please enter the value for integer c: 7 Please enter the value for integer c: 7 Please enter the value for integer a: 8 Please enter the value for integer a: 9 The value for the polynomial p is 15.314431. The value for the quotient q is 0.733333. The value for the remainder r is 1.000000.</pre> | Example Program | | |
|---|--|--|--|
| <pre>% vi Arithmetic.c % gcc Arithmetic.c -Wall -ansi -o Arithmetic % ls -1 total 20 -rwx 1 doemer faculty 7344 Oct 6 08:42 Arithmetic* -rw 1 doemer faculty 1154 Oct 6 08:37 Arithmetic.c % Arithmetic Please enter the value for real x: 3.1415927 Please enter the value for integer a: 5 Please enter the value for integer b: 6 Please enter the value for integer c: 7 Please enter the value for integer n: 9 The value for the polynomial p is 15.314431. The value for the remainder r is 1.000000. ******************************</pre> | Example session: Arithmetic.c | | |
| -76 | <pre>% vi Arithmetic.c % gcc Arithmetic.c -Wall -ansi -o x % ls -1 total 20 -rwx 1 doemer faculty -rw 1 doemer faculty % Arithmetic Please enter the value for real x: Please enter the value for integer Please enter the value for integer The value for the polynomial p is x The value for the remainder r is x %</pre> | Arithmetic 7344 Oct 6 08:42 Arithmetic* 1154 Oct 6 08:37 Arithmetic.c 3.1415927 a: 5 b: 6 c: 7 d: 8 n: 9 15.314431. 0.733333. 1.000000. | |