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Compound interest: Interest.c (part 1/2)	
/* Interest.c: compound interest on savings account	*/
/* author: Rainer Doemer	*/
/* modifications:	*/
/* 10/19/04 RD initial version	*/
<pre>#include <stdio.n> /* main function */ int main(void) {     /* variable definitions */</stdio.n></pre>	
double amount, balance, rate, interest; int year;	
<pre>/* input section */ printf("Please enter the initial amount in \$: "); scanf("%lf", &amp;amount);</pre>	
<pre>printf("Please enter the interest rate in %% : "); scanf("%lf", &amp;rate);</pre>	







Debugging			
	<ul> <li>Source-level Debugger gdb         <ul> <li>Basic gdb commands</li> <li>run</li> </ul> </li> </ul>		
	<ul> <li>starts the execution of the program in the debugger</li> <li>break function_name (or line_number)         <ul> <li>inserts a breakpoint; program execution will stop at the breakpoint</li> <li>cont</li> </ul> </li> </ul>		
	<ul> <li>continues the execution of the program in the debugger</li> <li>list from_line_number, to_line_number</li> <li>lists the current or specified range of line_numbers</li> </ul>		
	<ul> <li>print variable_name <ul> <li>prints the current value of the variable variable_name</li> <li>next</li> </ul> </li> </ul>		
	<ul> <li>executes the next statement (one statement at a time)</li> <li>quit         <ul> <li>exits the debugger (and terminates the program)</li> </ul> </li> </ul>		
	nelp     _ provides helpful details on debugger commands EECS10: Computational Methods in ECE. Lecture 8 (c) 2019 R. Doemer 28		















