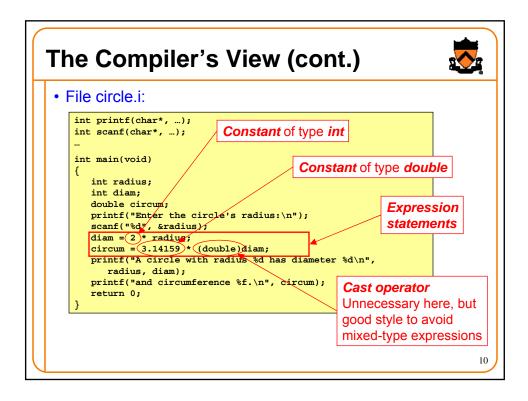
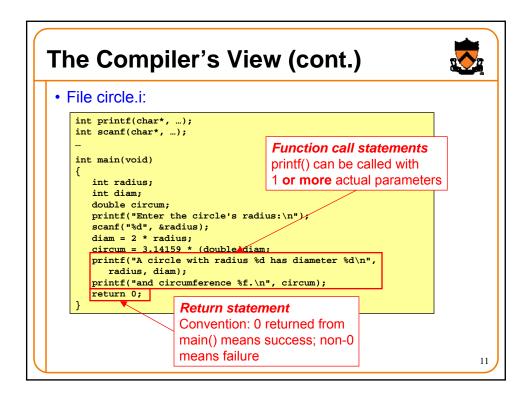
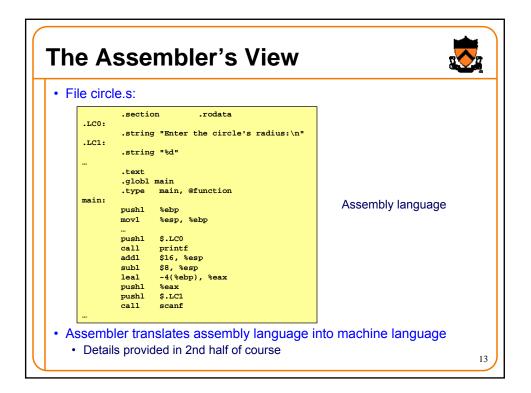


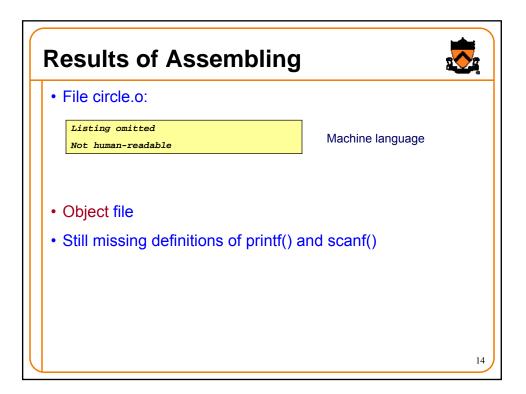
<pre>The Compiler's View • File circle.i:     int printf(char*,);     int scanf(char*,);      int main(void)     {         int radius;         int diam;         double circum;         printf("Enter the circle's radiu         scanf("%d), &amp; regius);         diam = 2 * radius;         circum = 3.1&amp;4159 * (double)diam;         printf("A circle with radius %d         radius, diam);         printf("and circumference %f.\n"         return 0;     } }</pre>	Declaration statements Must appear before any other kind of statement in block; variables must be declared before use Function call statements has diameter %d\n", ", circum);
String constants	s ( <i>"address of") operator</i> Explained later in course, with pointers

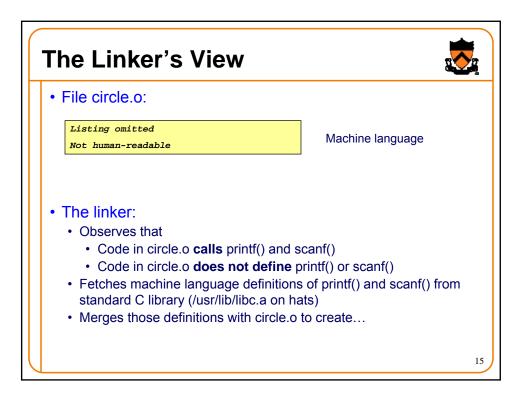


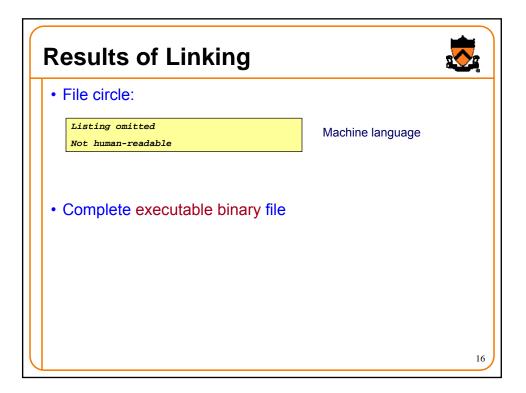


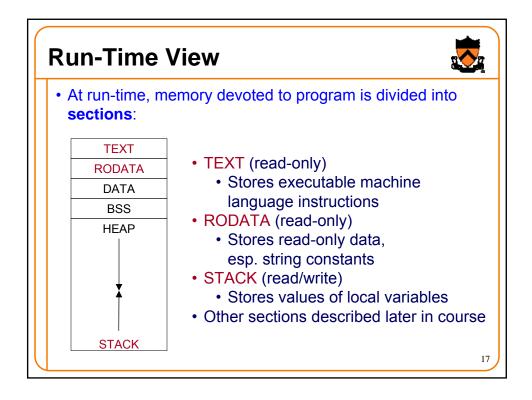
Res	ults of Compiling	
	e circle.s:	
	.string "Enter the circle's radius:\n" LC1: .string "%d" .text .dlobl main	
ma	.type main, @function ain: pushl %ebp movl %esp, %ebp 	Assembly language
	<pre>pushl \$.LC0 call printf addl \$16, %esp subl \$8, %esp leal -4(%ebp), %eax pushl %eax pushl \$.LC1 call scanf</pre>	
• Still	I missing definitions of printf() an	d scanf() 12

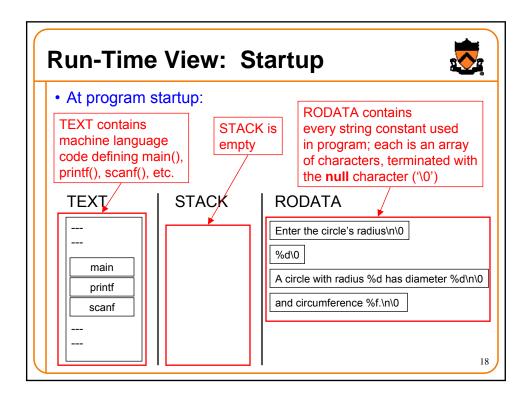


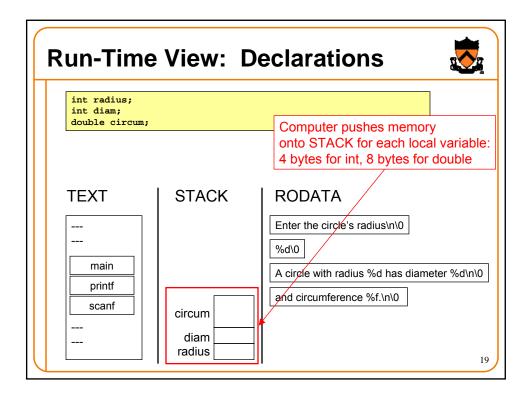


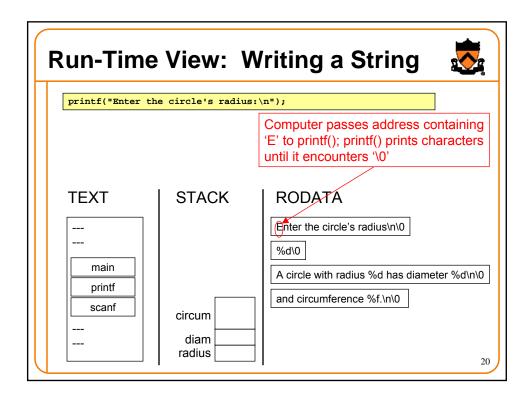


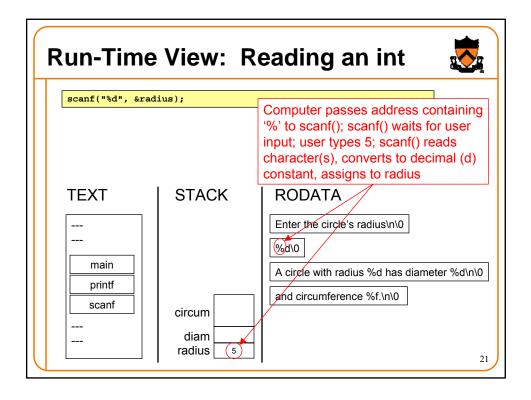


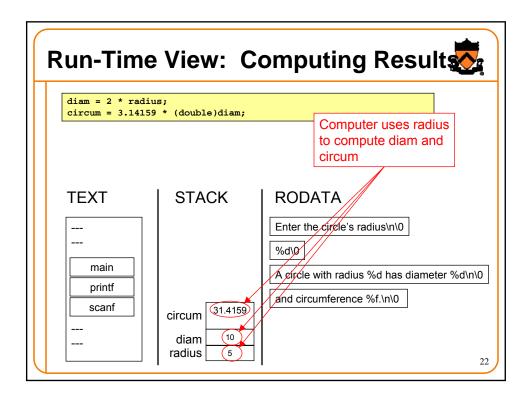


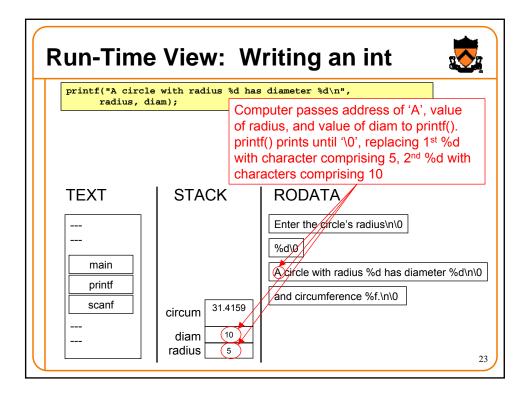


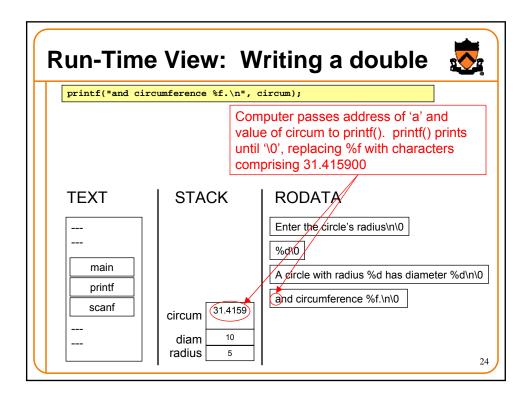


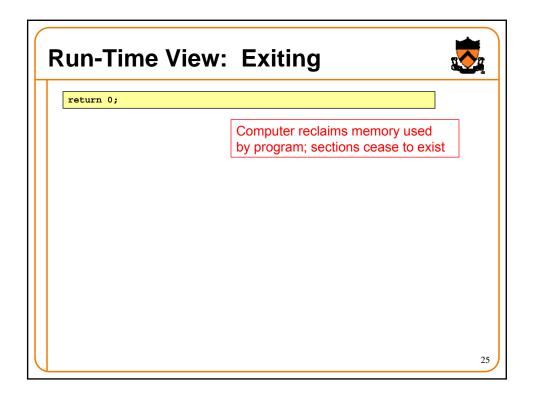


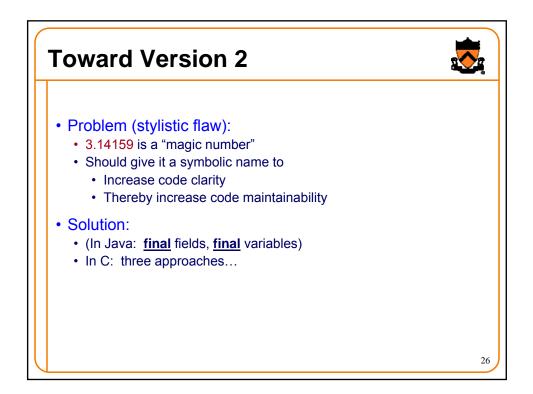


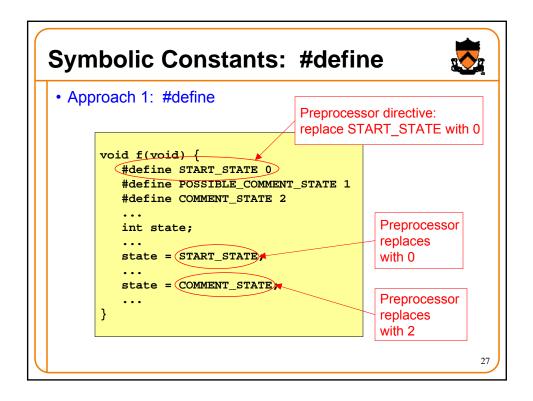


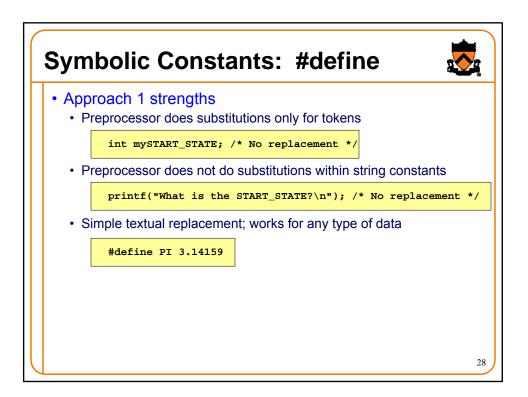


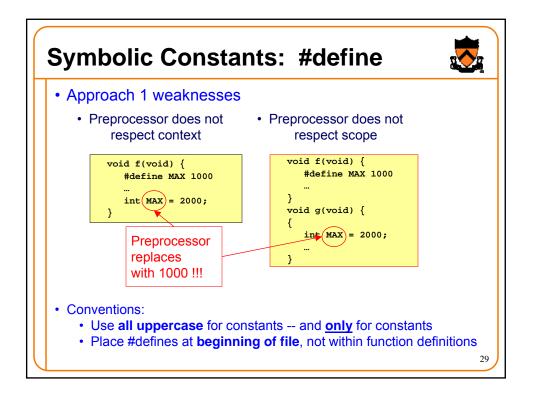


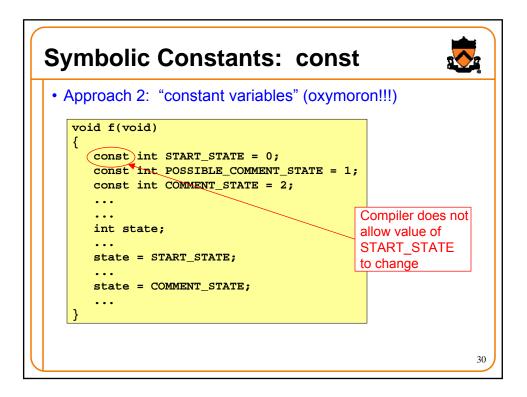


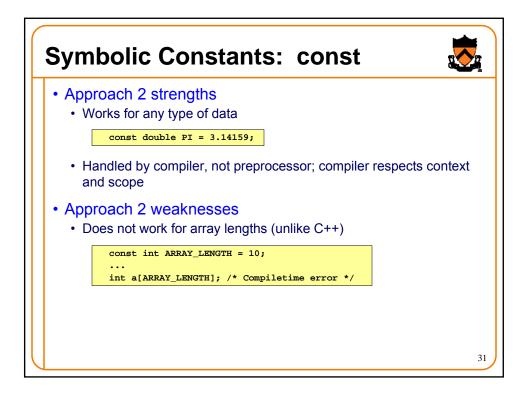


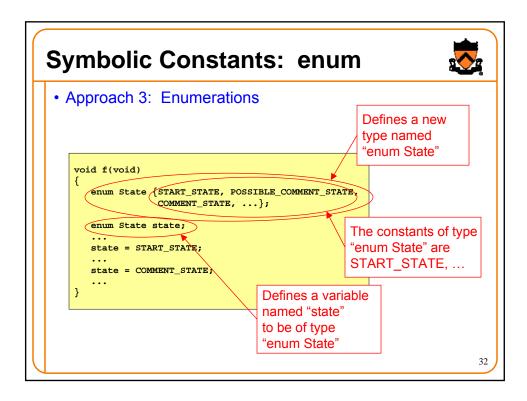


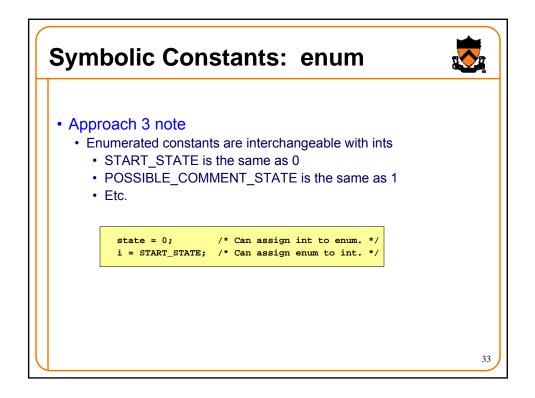


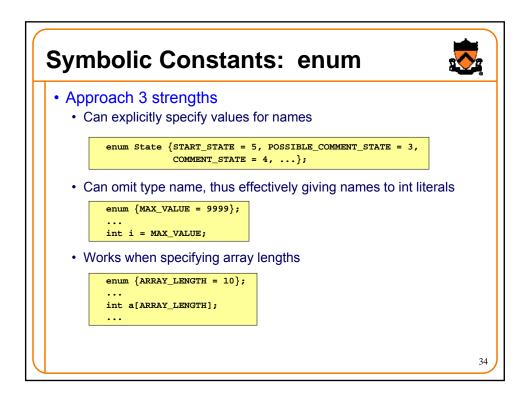


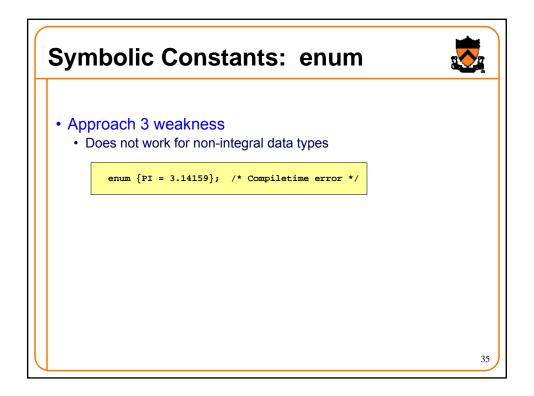


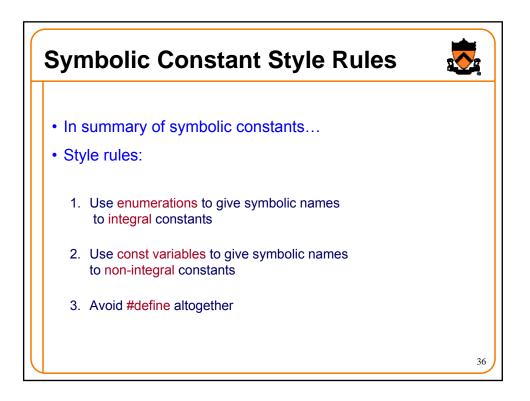


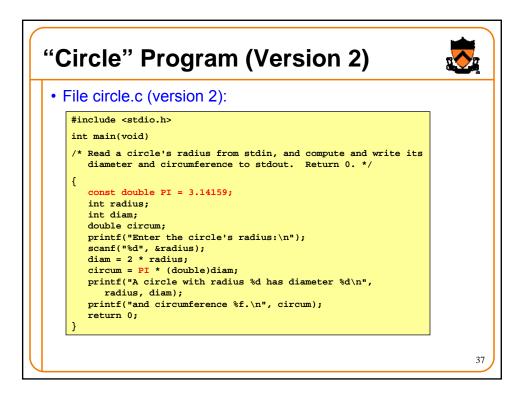


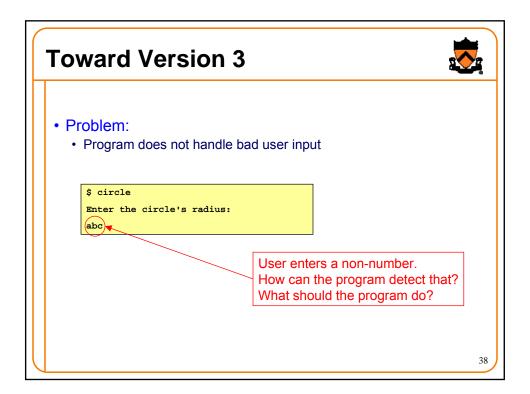


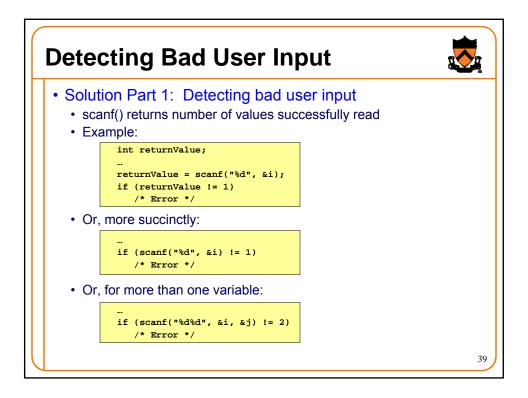












Stream	Default Binding	Purpose	C Functions
stdin	Keyboard	"Normal" input	<pre>scanf(); fscanf(stdin,);</pre>
stdout	Video screen	"Normal" output	printf(); fprintf(stdout,);
stderr	Video screen	"Abnormal" output	fprintf(stderr,);

