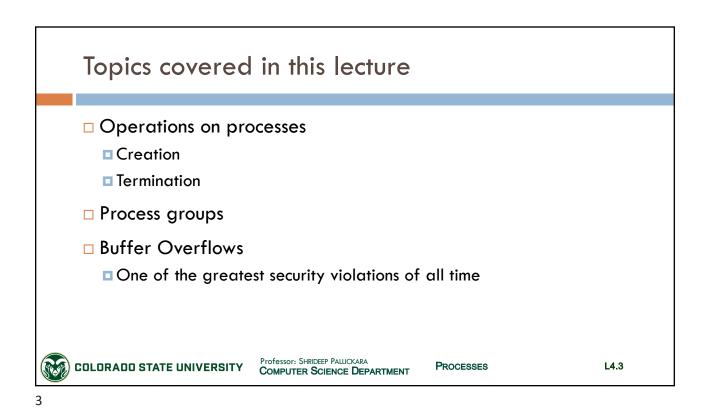
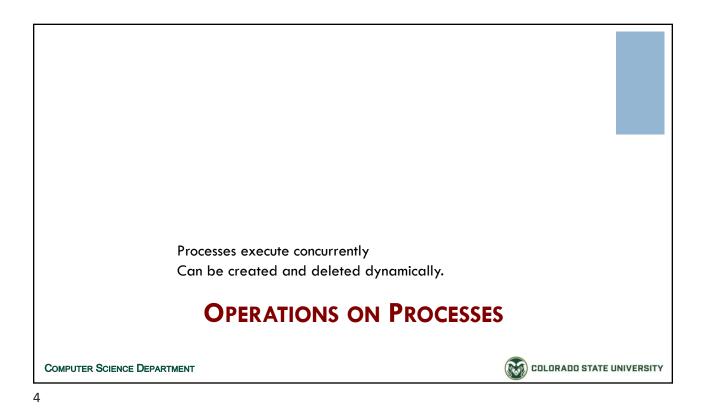


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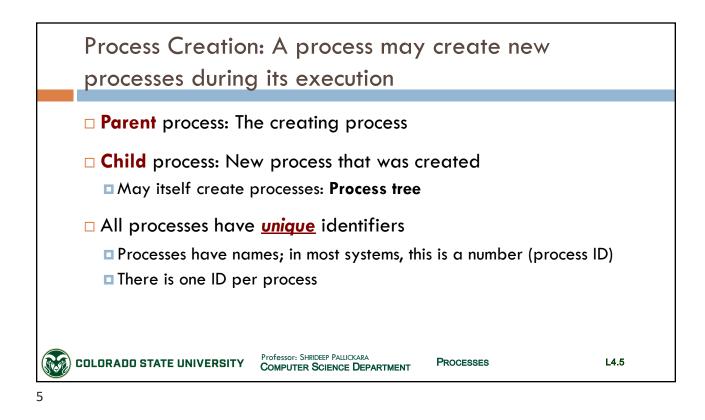
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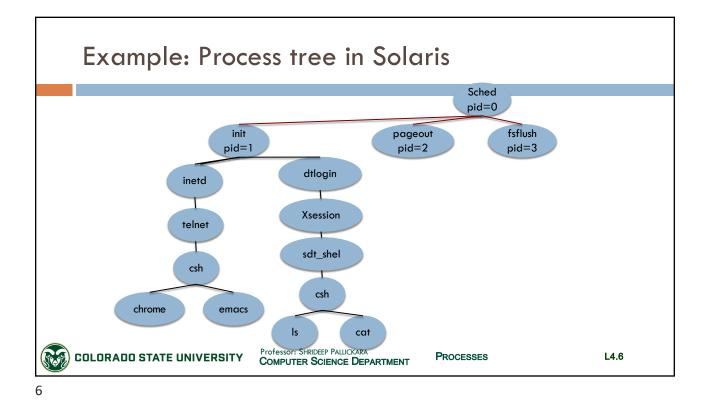


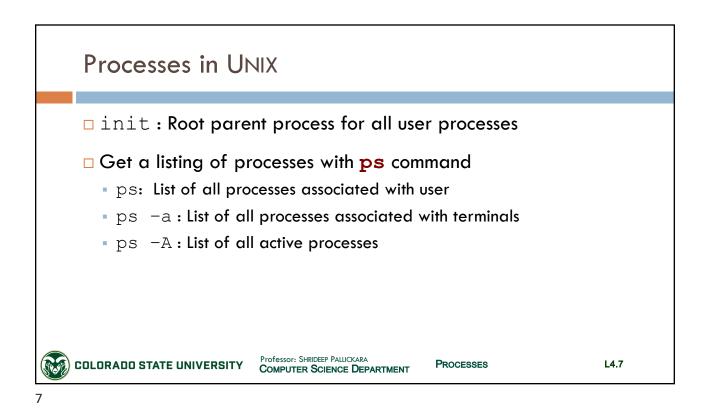


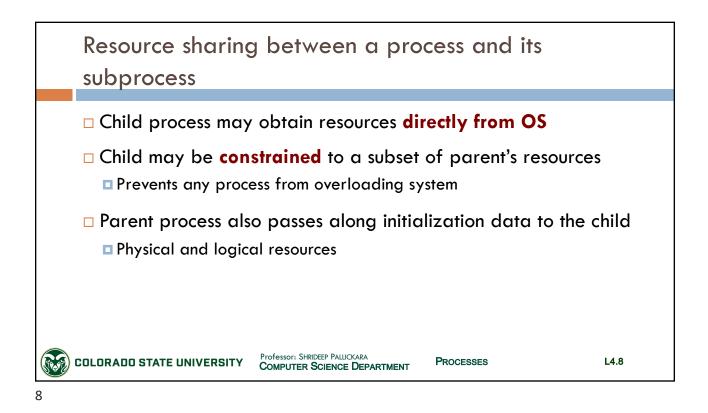
CS370: Operating Systems

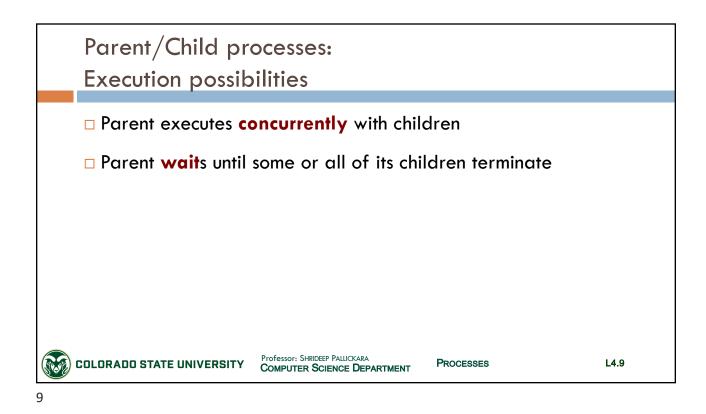
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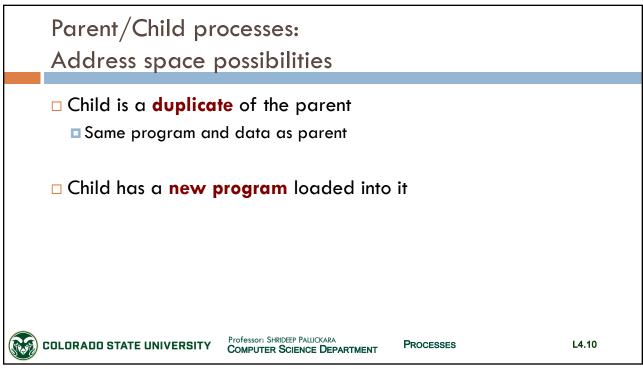


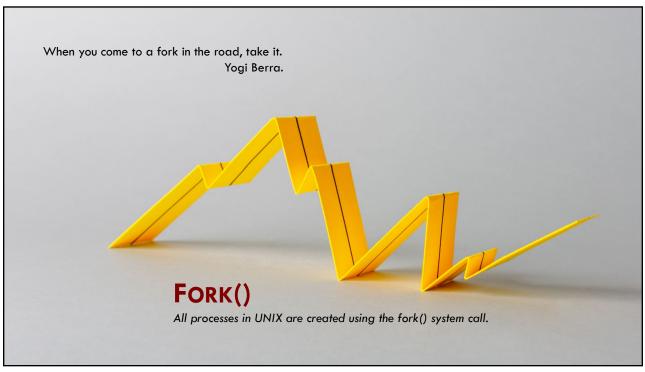




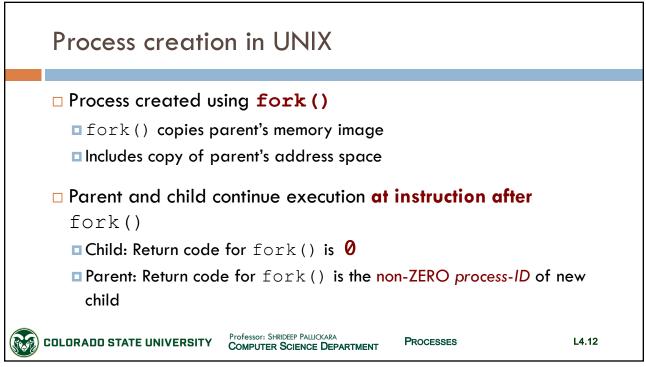


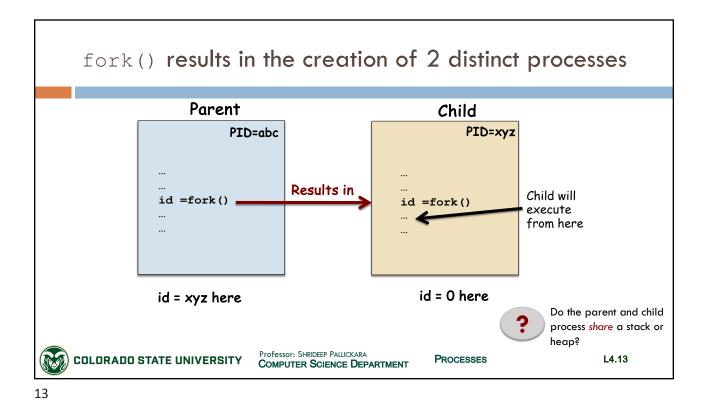


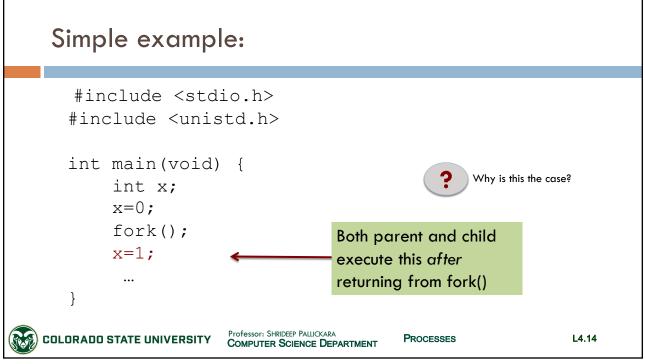


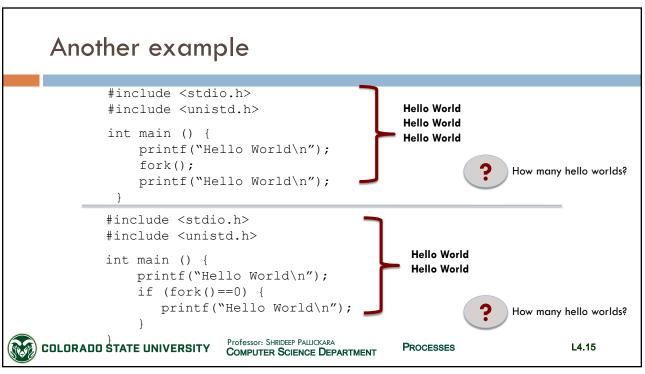


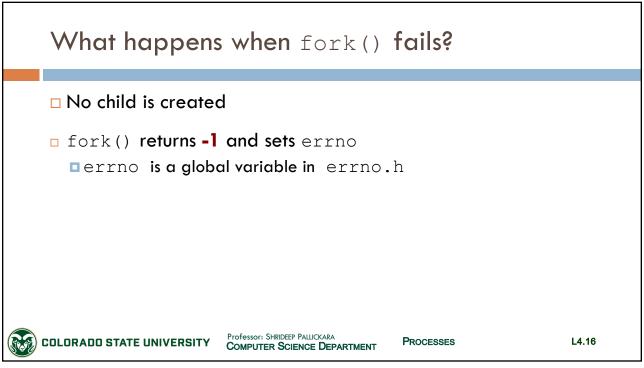
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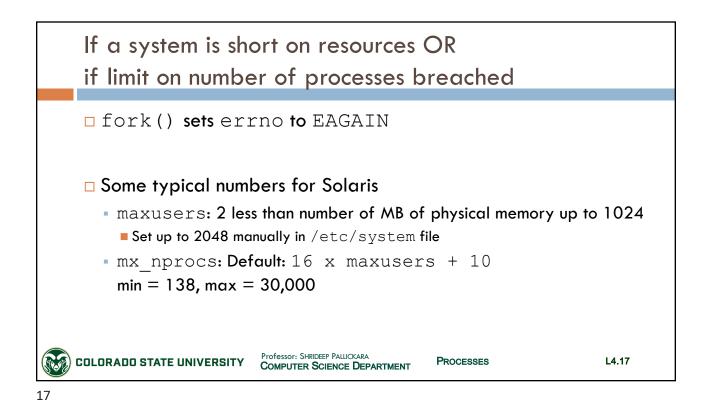


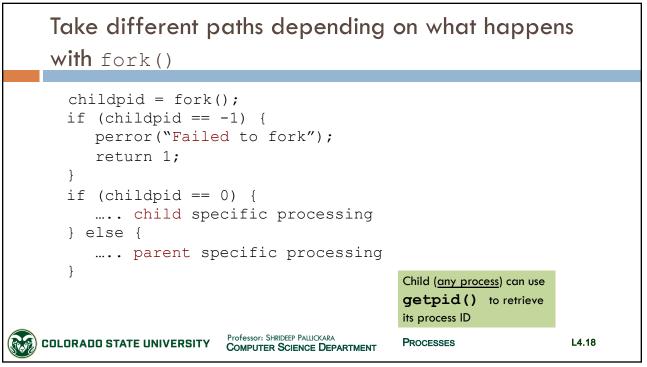


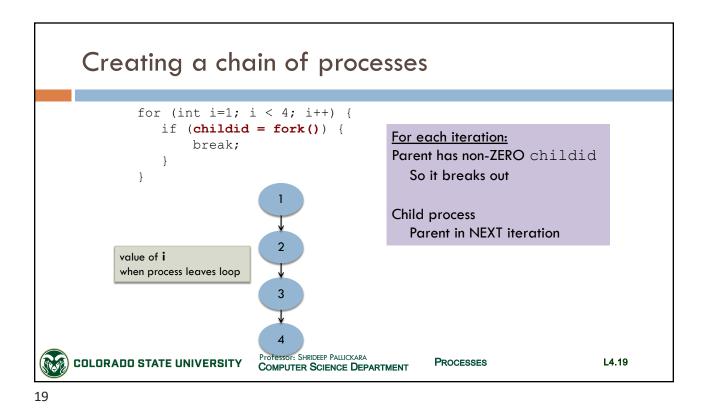


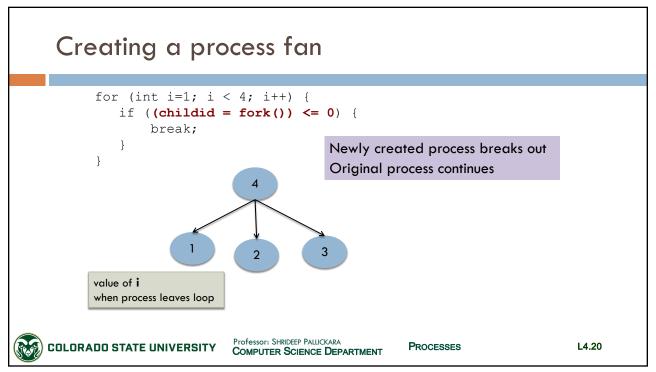
CS370: Operating Systems

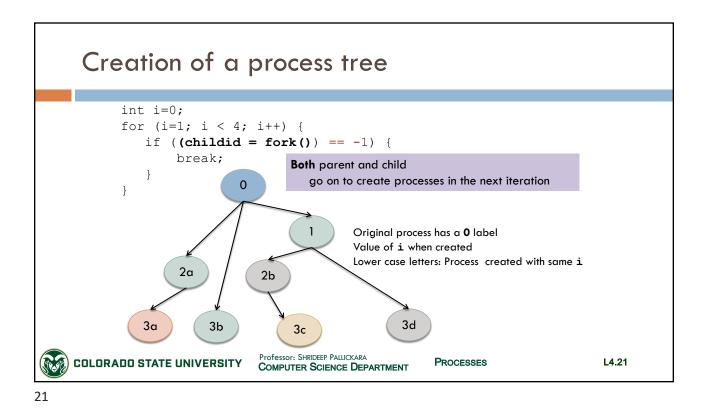
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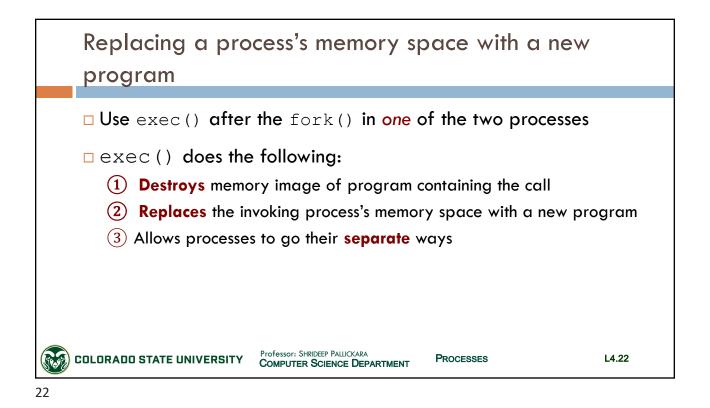






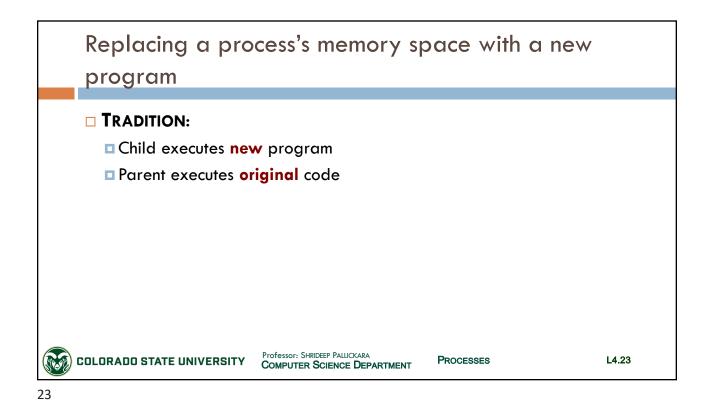


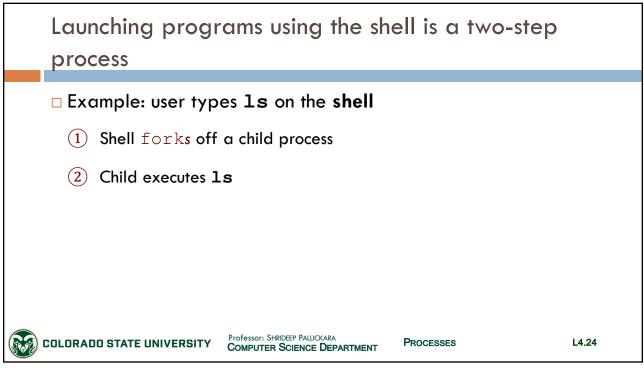


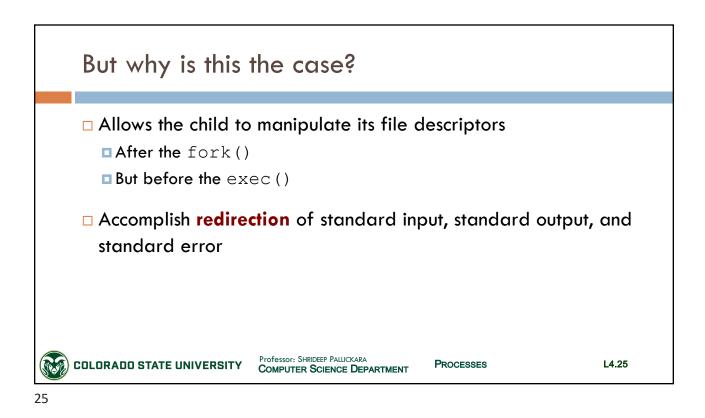


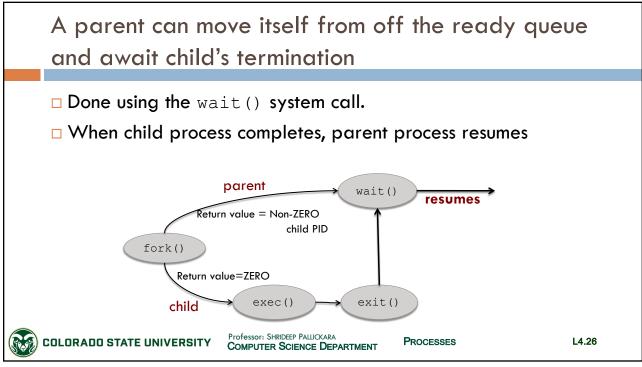
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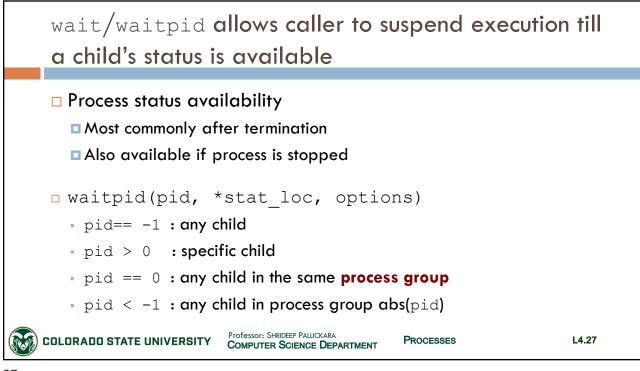
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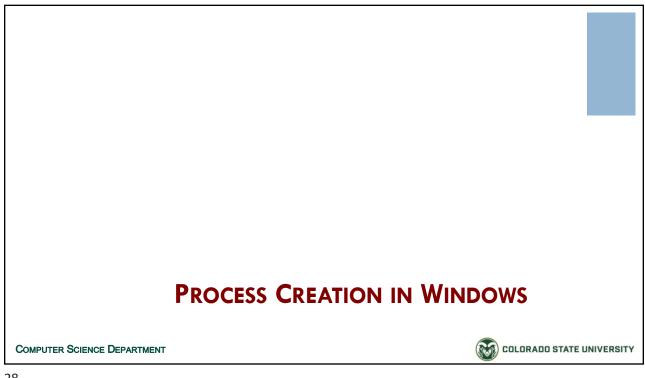


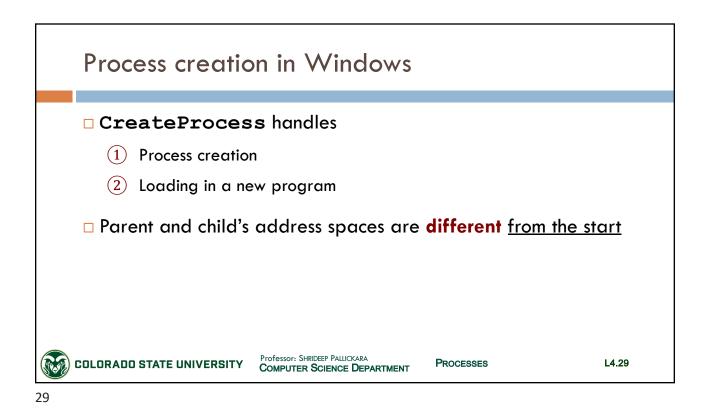


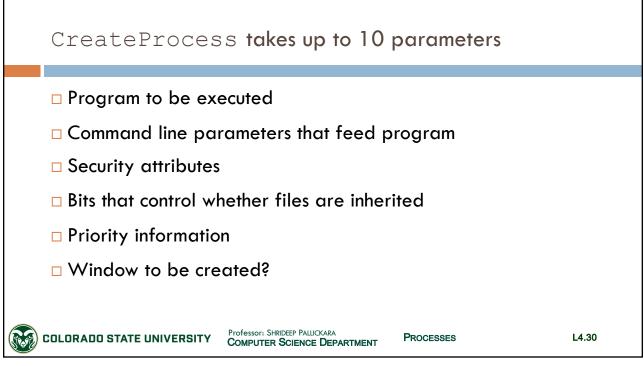


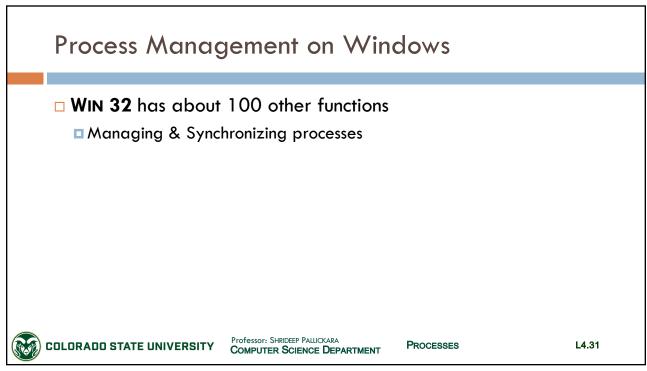






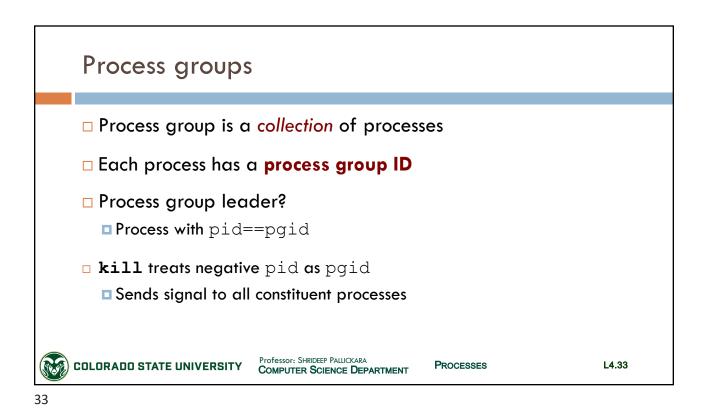


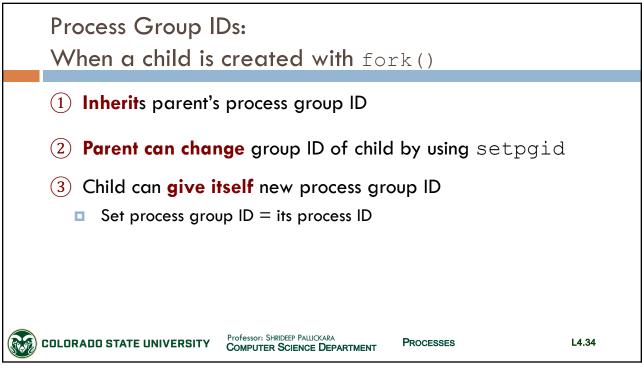


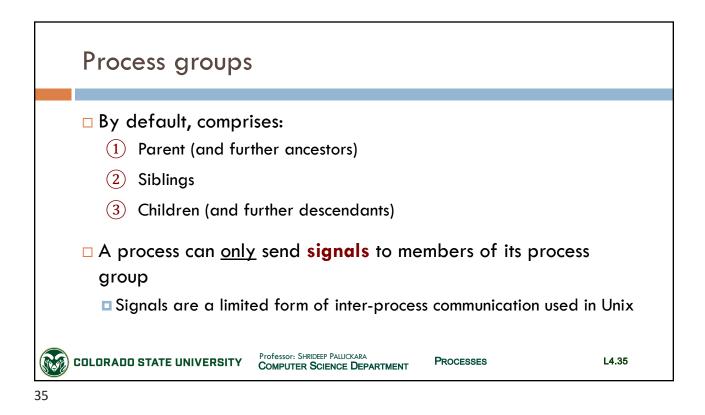


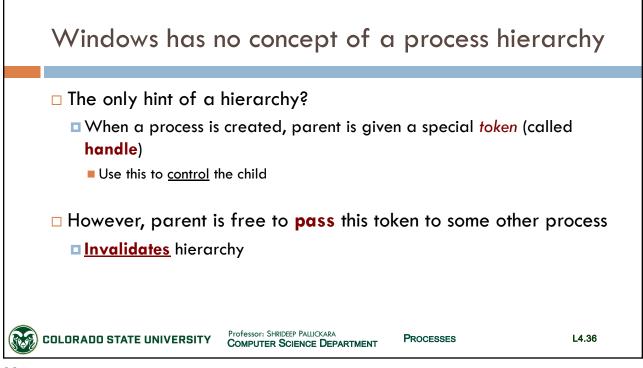
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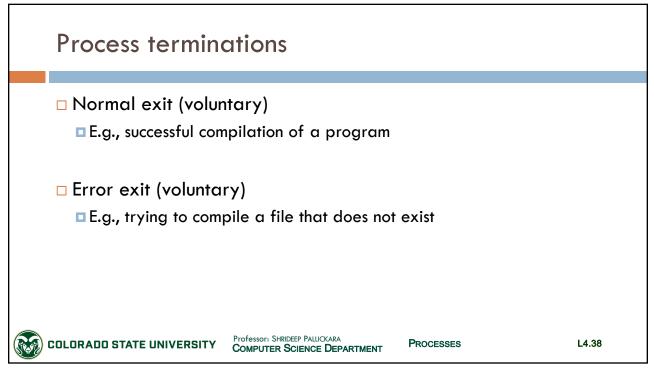


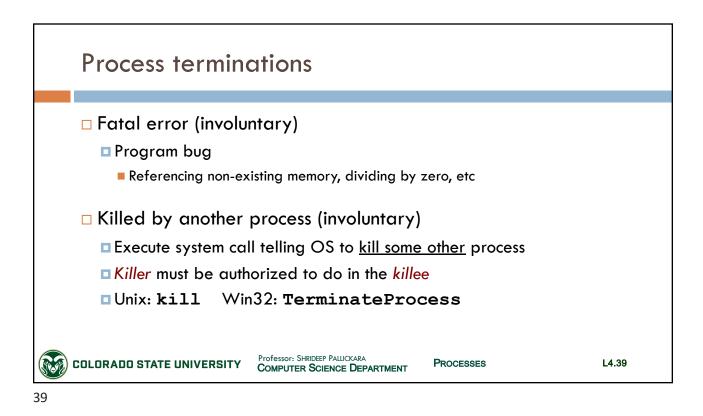


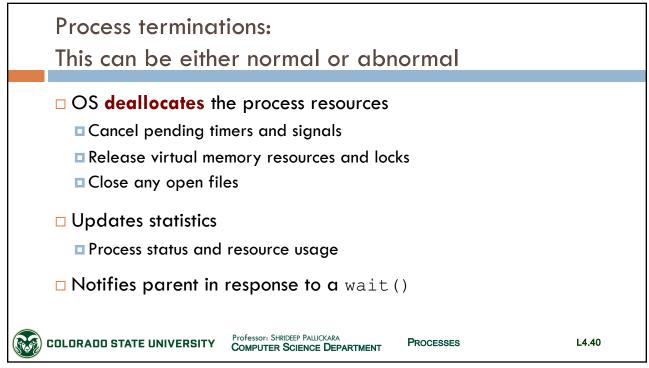


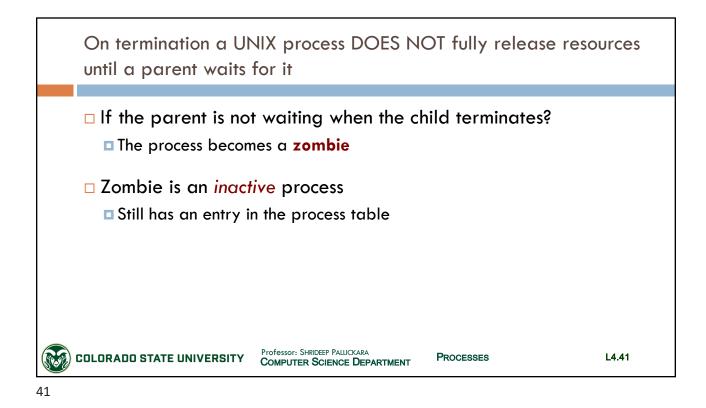


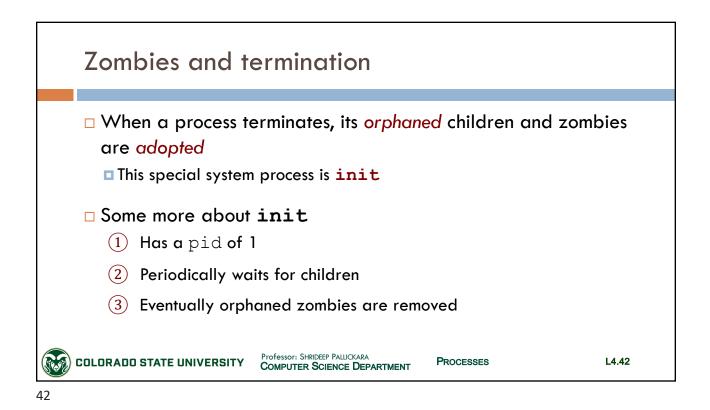


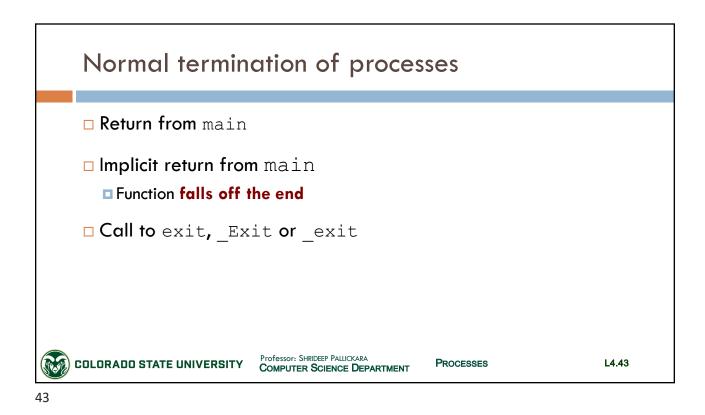


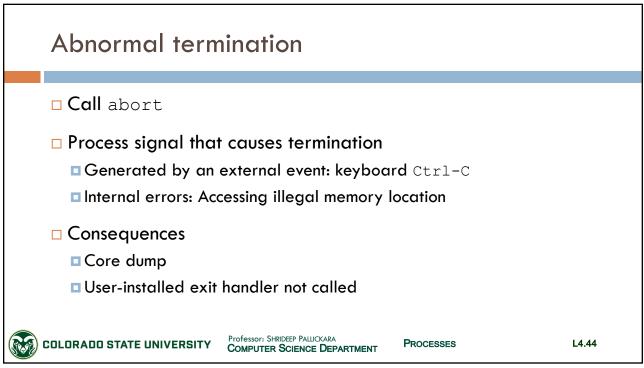






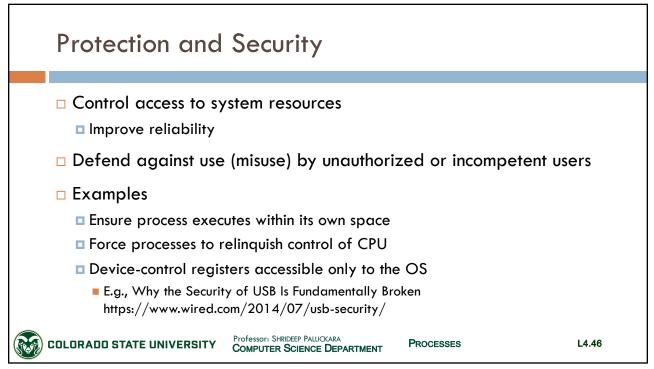






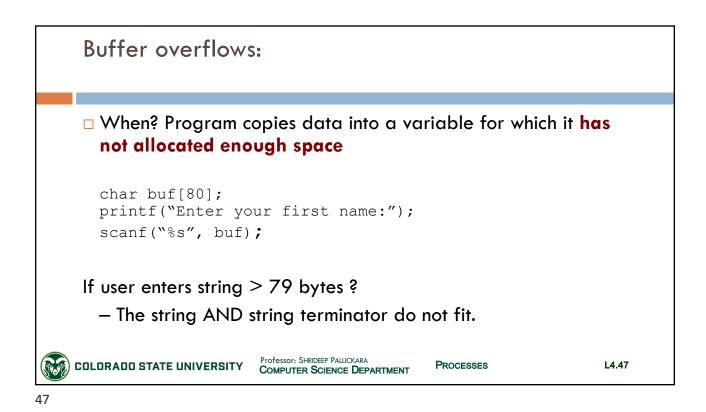


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 Buffer Overflows:

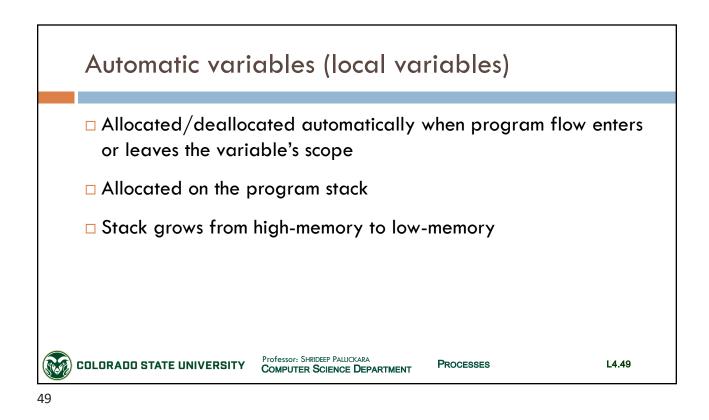
 Fixing the example problem

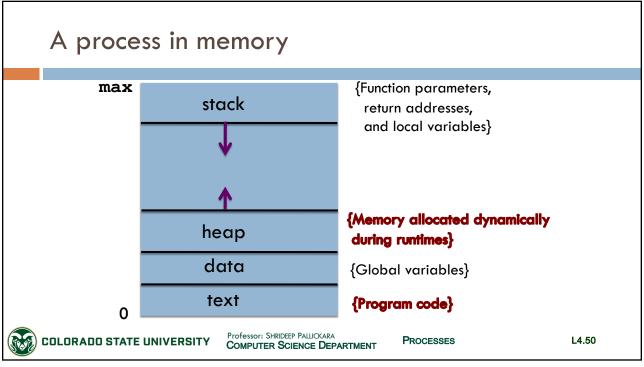
 char buf[80];

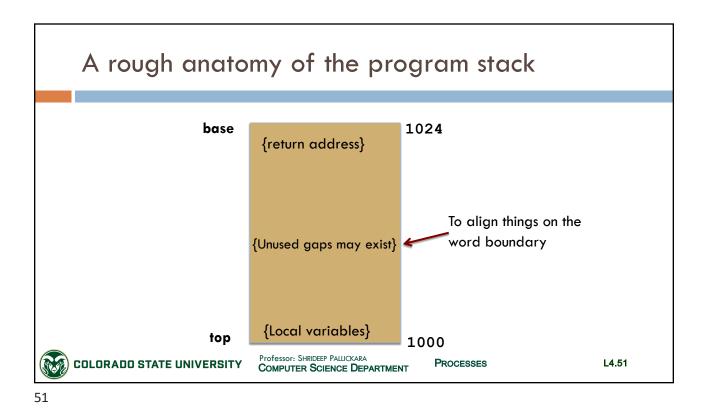
 printf("Enter your first name:");

 scanf("79%s", buf);

 Program now reads at most 79 characters into buf







A function that checks password: Susceptible to buffer overflow int checkpass(void) { int x; char a[9]; x = 0;printf("Enter a short word: "); scanf("%s", a); if (strcmp(a, "mypass") == 0) x =1; return x; } Professor: SHRIDEEP PALLICKARA **COLORADO STATE UNIVERSITY** PROCESSES L4.52 COMPUTER SCIENCE DEPARTMENT

