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//Write a C/C++ program to implement the system function.  
//its a C program
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#include<sys/wait.h>  
#include<errno.h>  
#include<unistd.h>  
#include<stdio.h>  
#include<stdlib.h>  
int system1(const char *cmdstring)  
{  
    pid_t pid;  
    int status;  
    if (cmdstring == NULL)  
        return(1);  
    if ((pid = fork()) < 0)  
    {  
        status = -1;  
    }  
    else if (pid == 0)  
    { /* child */  
        execl("/bin/sh", "sh", "-c", cmdstring, (char *)0);  
        _exit(127); /* execl error */  
    }  
    else /* parent */  
    while (waitpid(pid, &status, 0) < 0)  
    {  
        if (errno != EINTR)  
            status = -1; /* error other than EINTR from waitpid() */  
        break;  
    }  
    return(status);  
}  
int main()  
{  
    int status;  
    if ((status = system1("date")) < 0)  
        printf("system() error");  
    if ((status = system1("who")) < 0)  
        printf("system() error");  
    exit(0);  
}
```