18-SE-11

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Task 1

Program 9-1 accepts arguments list as from command line and then displays arguments count and arguments one by one

Program 9-2 accepts arguments list as from command line and built in environment variables list and then displays arguments count, arguments and environment variables one by one

Task 2

part 1

The difference b/w "program 9-3" and "program 9-4" is that

Program 9-3 prints the all files and folders in long listing form of current folder where as

Program 9-4 prints the all files and folders in long listing form of root(/) folder because there we passed "/' as an argument.

Program 9-3

```
#include<unistd.h>
                                          #include<stdio.h>
                                                                        pid_t pid;
char *const parmList[] = {"/bin/ls", "-l", NULL};
                                                                      if ((pid = fork()) == -1)
    perror("fork error");
                                                                         else if (pid == 0) {
                                                                                                 execv("/bin/ls", parmList);
printf("Return not expected. Must be an execv error.n");
 PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE SQL CONSOLE
 engrmafzaalch@rigrexpc:/media/engrmafzaalch/New Volume/ssd/Fourth Semester/OS/labs/OS Lab 09$ total 659
  engrmarzaatcharigrexper, media angrmarzaalch 272 - ישפר
- rwxrwxrwx 1 engrmafzaalch engrmafzaalch 388 - ישפר
                                                                                                                                                                                                                                                                                                                                                                                                               19 09:43 9-1.c
19 09:43 9-2.c
- rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1887 ووج 1892 - rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1897 ووج 1892 - rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1897 ووج 1892 - rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1897 ووج 1892 - rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1992 | rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1993 | rwxrwxrwx 1 engrmafzaalch engrmafzaalch 1993 | rwxrwxrwx 1 engrmafzaalch 1993 | rwxrwxrwx 1993 | rwxrwxrwx 1993 | rwxrwxrwx 1993 | rwxrwxrwxrwx 1993 | rwxrwxrwx 1993 | rxxrwxrwx 1993 | r
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19 09:47 94
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19 09:50 sum
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Program 9-4