

**** 2 input files 3 lines in each**

The screenshot shows a Linux desktop environment with a purple background. On the left side, there is a vertical dock with various application icons. The desktop contains several folders: 'cproj', 'OS', 'Algorit', 'web', 'DSF', 'real', 'user', 'sys', '12105', '102078200', '8_4232343259991...', 'ok', and 'koko'. A terminal window is open in the center, displaying the output of a C program. The program prints error messages for invalid input, too long polynomial, and out of memory. A file manager window is open on the right, showing the contents of the 'koko' folder, which includes a file named 'psearch.c'.

```

moahmd@mohamd-Satellite-C850-B820: ~/Desktop
printf("Error! You can't use a negative power in a polynomial!\n");
printf("Error! Wrong use of power! You can only use it in this\n");
printf("Error! Power must be only a single number!\n");
printf("Error! Coefficient must before x (e.g ax)\n");
printf("Error! A space between two numbers! Missed operator\n");
printf("Error! Invalid input %c\n",poly[i]);
printf("Error! Too long polynomial!\n");
printf("Out of Memory!\n");
printf("0");
printf("%d ",p -> coefficient);
printf("%dx ",p -> coefficient);
printf("x ");
printf("-x ");
printf("x^%d ",p -> power);
printf("-x^%d ",p -> power);
printf("%dx^%d ",p -> coefficient, p -> power);
printf("+ ");
printf("\n");
printf("Nothing to print! List is Empty\n");

real    0m0.006s
user    0m0.000s
sys     0m0.000s
moahmd@mohamd-Satellite-C850-B820:~/Desktop$

```

The file manager window shows the contents of the 'koko' folder, which includes a file named 'psearch.c'.

```

psearch.c : sprintf(temp, "temp%d", i); ( 240 )
psearch.c : sprintf(temp, "temp%d", i); ( 218 )
psearch.c : fprintf(out, " %s : %s ( %d ) \n",r->next->fileName,strt
psearch.c : // printf("%s \n",buffer); ( 150 )
psearch.c : sprintf(tempFileName,"temp%d",i); // create t
psearch.c : // printf(" huhuhuu"); ( 125 )
psearch.c : // printf(" %d welcome %dto my worldddd\n", pids[0],pid
psearch.c : //printf("pids[0] = %d\npids[1] = %d \n ",pids[0] ,pid
psearch.c : //printf("welcome world\n"); ( 109 )
psearch.c : fprintf(out,"%s \n %d\n",strtok(temp2 ,"\n"),counter);
psearch.c : sprintf("%s ",temp2); ( 101 )
psearch.c : //printf("%s ",temp2); ( 99 )
psearch.c : fprintf(out,"%s\n",buffer); ( 96 )
psearch.c : sprintf(tempFileName,"temp%d",i); // if
psearch.c : printf("file %s not opened correctly \n",buffer);

```

