Command Used: pcgomesp@pcgomesp-pc:~/stellantis$ flawfinder --csv ./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/
PS: The files in Trabalho_1/src/ have been modified, removing the usleep() function

File	# Line	Column	DefaultLevel	# Level	Category	Name	Warning	Suggestion	Note	CWEs	Context	Fingerprint	ToolVersion	RuleId	HelpUri
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/controller.c	131	7	4	4	shell	execvp	This causes a new program to execute and is difficult to use safely (CWE-78).	try using a library call that implements the same functionality if available.		CWE-78	if (execvp(args[0], args) == -1) {	0434b2a748c336a5fcbcf4f9e46656cb8a182b112	2.0.19	FF1043	https://cwe.mitre.org/data/definitions/78.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/controller.c	146	7	4	4	shell	execvp	This causes a new program to execute and is difficult to use safely (CWE-78).	try using a library call that implements the same functionality if available.		CWE-78	if (execvp(args[0], args) == -1) {	0434b2a748c336a5fcbcf4f9e46656cb8a182b112	2.0.19	FF1043	https://cwe.mitre.org/data/definitions/78.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/panel.c	91	13	4	4	buffer	strcpy	Does not check for buffer overflows when copying to destination [MS-banned] (CWE-120).	Consider using snprintf, strcpy_s, or strlcpy (warning: strncpy easily misused).		CWE-120	strcpy(qCommands.command, sub1);	2a9798b53cf4190645dc4d037a6963139c2dd024f	2.0.19	FF1001	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/panel.c	92	13	4	4	buffer	strcpy	Does not check for buffer overflows when copying to destination [MS-banned] (CWE-120).	Consider using snprintf, strcpy_s, or strlcpy (warning: strncpy easily misused).		CWE-120	strcpy(qCommands.parameter, sub2);	56cd91805e10bfdfb1b7a548291587b6360f4bec87	2.0.19	FF1001	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/sensors.c	63	5	3	3	random	srand	This function is not sufficiently random for security-related functions such as key and nonce creation (CWE-327).	Use a more secure technique for acquiring random values.		CWE-327	srand(time(NULL)); // Inicialização do srand() para	ba1d38657d1384ee4038c4406346c6d8bc05006ef	2.0.19	FF1048	https://cwe.mitre.org/data/definitions/327.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/inc/panelData.h	13	5	2	2	buffer	char	Statically-sized arrays can be improperly restricted, leading to potential overflows or other issues (CWE-119!/CWE-120).	Perform bounds checking, use functions that limit length, or ensure that the size is larger than the maximum possible length.		CWE-119!/CWE-120	char command[MQ_COMMAND_SIZE];	9ce31f6e64d0d702543be91f417c25941fefdf5bcde	2.0.19	FF1013	https://cwe.mitre.org/data/definitions/119.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/inc/panelData.h	14	5	2	2	buffer	char	Statically-sized arrays can be improperly restricted, leading to potential overflows or other issues (CWE-119!/CWE-120).	Perform bounds checking, use functions that limit length, or ensure that the size is larger than the maximum possible length.		CWE-119!/CWE-120	char parameter[MQ_COMMAND_SIZE];	3f0618fc917a23841d28c688311582a4691731697	2.0.19	FF1013	https://cwe.mitre.org/data/definitions/119.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/controller.c	173	4	2	2	buffer	memcpy	Does not check for buffer overflows when copying to destination (CWE-120).	Make sure destination can always hold the source data.		CWE-120	memcpy(&auxSensorsData, shm_ptr, size	a71f9ff655b598ab30e0d3730f155f67260bc74bd5	2.0.19	FF1004	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/controller.c	188	4	2	2	buffer	char	Statically-sized arrays can be improperly restricted, leading to potential overflows or other issues (CWE-119!/CWE-120).	Perform bounds checking, use functions that limit length, or ensure that the size is larger than the maximum possible length.		CWE-119!/CWE-120	char rx_buffer[sizeof(queueCommands)];	f20f82671ec0181e586db31bcb352fc842efc5cdccl	2.0.19	FF1013	https://cwe.mitre.org/data/definitions/119.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/controller.c	193	5	2	2	buffer	memcpy	Does not check for buffer overflows when copying to destination (CWE-120).	Make sure destination can always hold the source data.		CWE-120	memcpy(&qCommands, rx_buffer, si	636f38ca1995a0335a15064dffaab1fb7f47c2c6bb3	2.0.19	FF1004	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/panel.c	73	5	2	2	buffer	char	Statically-sized arrays can be improperly restricted, leading to potential overflows or other issues (CWE-119!/CWE-120).	Perform bounds checking, use functions that limit length, or ensure that the size is larger than the maximum possible length.		CWE-119!/CWE-120	char userInput[MQ_MAX_MSG_SIZE];	587f9c689ccf06af20d78329285f0f3d0eb368618c4	2.0.19	FF1013	https://cwe.mitre.org/data/definitions/119.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/panel.c	75	5	2	2	buffer	char	Statically-sized arrays can be improperly restricted, leading to potential overflows or other issues (CWE-119!/CWE-120).	Perform bounds checking, use functions that limit length, or ensure that the size is larger than the maximum possible length.		CWE-119!/CWE-120	char sub1[MQ_COMMAND_SIZE], sub2[MQ_COM	a462421265532375eaac7eb074706dc4e60109bc5	2.0.19	FF1013	https://cwe.mitre.org/data/definitions/119.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/sensors.c	121	13	2	2	buffer	memcpy	Does not check for buffer overflows when copying to destination (CWE-120).	Make sure destination can always hold the source data.		CWE-120	memcpy(args->shm_ptr, &engineInfo, sizeof	fcc0ba8dd636e3ddc70c2830e049fc609e5c6be8b8	2.0.19	FF1004	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/sensors.c	167	13	2	2	buffer	memcpy	Does not check for buffer overflows when copying to destination (CWE-120).	Make sure destination can always hold the source data.		CWE-120	memcpy(args->shm_ptr, &engineInfo, sizeof	fcc0ba8dd636e3ddc70c2830e049fc609e5c6be8b8	2.0.19	FF1004	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/sensors.c	204	13	2	2	buffer	memcpy	Does not check for buffer overflows when copying to destination (CWE-120).	Make sure destination can always hold the source data.		CWE-120	memcpy(args->shm_ptr, &engineInfo, sizeof	fcc0ba8dd636e3ddc70c2830e049fc609e5c6be8b8	2.0.19	FF1004	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/sensors.c	250	13	2	2	buffer	memcpy	Does not check for buffer overflows when copying to destination (CWE-120).	Make sure destination can always hold the source data.		CWE-120	memcpy(args->shm_ptr, &engineInfo, sizeof	fcc0ba8dd636e3ddc70c2830e049fc609e5c6be8b8	2.0.19	FF1004	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/panel.c	30	5	1	1	buffer	strncpy	Easily used incorrectly; doesn't always \0-terminate or check for invalid pointers [MS-banned] (CWE-120).			CWE-120	strncpy(sub1, extract_token(&cursor, delim) ?: "",	8ce1bf1ce945fbcfc33d086f7d83c53e60322ff0cd3	2.0.19	FF1008	https://cwe.mitre.org/data/definitions/120.html
./posix_lecture_project/trabalho-final-posix-pcgomesp/Trabalho_1/src/panel.c	31	5	1	1	buffer	strncpy	Easily used incorrectly; doesn't always \0-terminate or check for invalid pointers [MS-banned] (CWE-120).			CWE-120	strncpy(sub2, extract_token(&cursor, delim) ?: "",	10bf13ea525920277debf279d883836566e1a0fa0c	2.0.19	FF1008	https://cwe.mitre.org/data/definitions/120.html