One code may have several examples and each example is a dialogue. N represents for newcomer, E represents for expert.

ID	Code	Definition	Example	
			Issue URL	Dialogue
1	Warm Welcome	Welcome newcomers to contribute.	https://github.com/serverle ss/serverless/issues/8935	N1: @pgrzesik @medikoo can I take this?  N2: That would be amazing @yumeixox  Thank you  If you have any questions, feel free to let us know  Fl: We hope you'll contribute more to LightGBM in the future!
2	Pointing out errors / limitations / repercussions	Explain why the issue can not be solved by the newcomer's solution. Experts usually provide the negative repercussions to prove their views.	https://github.com/serverle ss/serverless/issues/8935	N1: @alexshelkov @pgrzesik I'm a little confused, why not just remove EnabledMfas from the config?  E1: Imagine that your MfaConfiguration is set via env var, and it can be on or off for some environments. So you have to change EnabledMfas based on MfaConfiguration. Valid values ∂for EnabledMfas is a list, string or not existing in the config (ie null). So in case of MfaConfiguration = OFF => EnabledMfas have to be not exited (or null and later Serverless can strip it from config) or you will get AWS errors. There are a lot of similar use cases where AWS don't support anything except not existing settings.
			https://github.com/serverle ss/serverless/issues/8497	E1: Assigning a property to a plugin instance, while should in most cases be harmless, it's destructive, note that we're interferring into plugin API, we can't be sure if we won't break things.
3	No response	The newcomer asked a	https://github.com/serverle ss/serverless/issues/8935	N1: hi, can i do anything about it?
3	Two response	question without any response.	https://github.com/mui/mat erial-ui/issues/23622	N1: Can I take this if nobody is working on this?

		The expert expressed he/she is willing to help and hoped	https://github.com/serverle ss/serverless/issues/8935	E1: 📤 If you have any further questions, feel free to let us know
4	Helpfulness	newcomers to ask any questions.	https://github.com/Microso ft/LightGBM/issues/3833	E1: No problem, ask any questions you need. We're here to help and really thankful for your efforts!
5	5 comments for newcomer's	The expert provided inline	https://github.com/serverle ss/serverless/issues/8935	E1: Thank you @yumeixox 🚨 It looks good overall, I only have a few small comments - please let me know what do you think E1: I don't think we need to use BbPromise here at all - let's remove it
			https://github.com/serverle ss/serverless/issues/8497	E1: Let's not create this variables, we can simply hardcode { isExternal: true } as second argument when adding external plugins and in other cases do not pass any options at all (as options are optional)
6	Compliment	The expert affirmed the newcomer's views or	https://github.com/serverle ss/serverless/issues/8935	E1: Thank you @yumeixox ! Looks good to me E1: Really appreciate you taking the time to contribute!
	Affirmation	achievements	https://github.com/gleam-la ng/gleam/issues/876	E1: This is an absolutely beautiful piece of work and I am so impressed.
7	Unclear how	The newcomer can't know	https://github.com/Microsoft/LightGBM/issues/3833	N1: @jameslamb, so by merging do you mean modifying one of them to support the functionality of both? I looked through the code and saw some similar statements being implemented, but it would be helpful if you could tell me how I shall navigate/proceed to make the change?  P.S. Please forgive my novice questions.
/	to start	how to start or proceed to make the change.	https://github.com/pytorch/ignite/issues/1479	N1: I'd like to ask for little more specific detail about what is needed in this issue and where to look for the messages that need to be modified.
			https://github.com/quarkusi o/quarkus/issues/12522	N1: hey, actually the thing is I really do want to work.But have no clue as to how to start please help.The slack community is in some other language .its quite difficult to get some help.
8	Providing	The expert provide examples	https://github.com/Microso	N1: I looked through the code and saw some similar statements being

	reference /	for newcomers to solve this	ft/LightGBM/issues/3833	implemented, but it would be helpful if you could tell me how I shall
	example	issue.		navigate/proceed to make the change?
				E1: You can look at the changes I made in
				https://github.com/microsoft/LightGBM/pull/3786/files for reference. I
				eliminated a test in there called test_classifier_proba, and just moved its
				contents into the test test_classifier. To close this issue, do the same with the
				local_predict tests.
			https://github.com/gleam-la	E1: I think we'll need to make a new function similar to is_simple_constant
			ng/gleam/issues/876	for this as is_simple_constant doesn't include lists or records.
			https://github.com/OpenRe	E1: For the coalesce operation, what if we introduced this need as a new safe
			fine/OpenRefine/issues/820	navigation operator "?." like what C# and Groovy and other languages do ?
			Time/ Openicenne/ issues/ 620	http://www.oracle.com/technetwork/articles/java/java8-optional-2175753.html
	Instructions for building/testi ng	The expert providing instructions for building/testing.	https://github.com/Microso ft/LightGBM/issues/3833	E1: To try the tests out yourself locally, you can build from local source and
				then run just the test you modified
			To Engine Divi I issues 3033	
			https://github.com/confluen tinc/ksql/issues/6843	E1: In general, any PR that changes something that is visible to the user in the
9				CLI should have a copy-paste terminal session in the "testing done" so that we
			1110, 11542 155 de 5, 55 15	can see what it would look like from the user perspective.
				E1: @jsumners when double-checking the behavior on 204, the response is
			https://github.com/fastify/f	sending an empty string as a response. Taking a look into other tests, like this
			astify/issues/2618	one, we're basically just validating that the body it's empty, then I think this is
				expected. I added a new test just to cover that scenario. Sounds good?
		The newcomer faced building		N1: I am getting the error ERROR: Failed building wheel for lightgbm when I
10	Building / testing	errors or testing errors or the	https://github.com/Microso	run pip install dist/lightgbm*.tar.gz. Can you give me some advice on how to
10		newcomer do not test the code.	ft/LightGBM/issues/3833	solve it?
				N1: I was able to run the test, and I go 4 tests passed and 2 failed. I am getting

					two ValueError: Expected 2D array, got scalar array instead errors from
					test_classifier
					method.
					E1: Is there an accompanying test?
				https://github.com/fastify/f	N1: @mcollina @Eomm I apologize for not including tests in the first place;
				astify/issues/2736	maybe it would be easier to distinguish the intent of the change if tests are
					provided.
				https://github.com/gleam-la	E1: It would also be good to include some tests. I think there is a warning test
				ng/gleam/issues/876	macro in the typ/tests.rs module.
					E1: Can you please explain why you needed to add an additional
					_create_data() call and an additional .fit() in the classifier test? That should
				https://github.com/Microso	not be necessary.
	1.1	unnecessary	The newcomer did some	ft/LightGBM/issues/3833	E1: It is possible to swap out the &dyn Fn use for impl Fn? From what I can
	11	change	changes that are unnecessary.		see it looks like it doesn't need to be dynamic, and removing the dynamic
					dispatch would make it a tiny bit faster.
				https://github.com/oppia/op	E1: We don't need to create this new style as of now. You can revert this
				pia-android/issues/1949	change.
				https://github.com/Microso	E1: Please simplify these names a bit (and elsewhere in the PR) by removing
				ft/LightGBM/issues/3833	the "_predict" suffix
		M:		https://github.com/gleam-la	E1: I think the formatter has got confused in the error.rs file due to overly long
		Minor issues,	Minor errors, eg, the names	ng/gleam/issues/876	lines, and as such isn't formatting the file any more.
	12	e.g., code	of variables are long and	https://github.com/gleam-la	E1. We will also the selection of the se
		style, typos,	complex.	ng/gleam/issues/876	E1: Very nice, thank you! Would you mind also updating the changelog?
		changelog		https://github.com/pytorch/	E1. More pythonic style
				ignite/issues/1479	E1: More pythonic style
				https://github.com/zeroeigh	E1: Braces are not needed.
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			tysix/KAMI/issues/287	
				N1: Oh yes yes, I am sorry there is some inconsistency on my local branch it
			https://github.com/pytorch/	seems. It is not the same as the master, give me 5 minutes I will concretely
			ignite/issues/1479	write what is and is not working.
				Really sorry for the confusion I caused.
		The newcomer faced	https://github.com/zeroeigh	E1: Please fix build.
13	Version/Bran	challenges of managing	tysix/KAMI/issues/287	N1: oh I forgot that this got updated to 1.16.4
13	ch conflicts	different branches and solving	https://github.com/oppia/op	E1: @KMaragh Before we proceed to review, can you please update your
		the conflicts.	pia-android/issues/1949	branch with the latest develop branch of our repo.
			https://github.com/kiwix/ki	E1: You should do separate tickets on separate branches so they can be
			wix-android/issues/2418	reviewed and altered separately
			https://github.com/neovim/	N1: is there a way for me to edit which branch this pull request is pointing at?
			neovim/issues/1474	I just realized the importance of creating feature branches.
			https://github.com/airctic/ic evision/issues/274	E1: Everything looks very good to me! I just made some modifications to pass
				the tests, basically rebased with master and applied black and everything
			CVISION/ISSUCS/274	worked =)
14	Management	The expert helped newcomers	https://github.com/Microso	E1: Note that I already resolved conflicts with master on your branch. So you
14	of branches	to manage different branches.	ft/LightGBM/issues/3833	should pull this branch fresh before working on it.
			https://github.com/Project-	E1: I noticed that you're trying to merge in from the master branch on your
			Books/book-project/issues/	fork. Could you please branch off master and create a descriptive branch name
			391	that includes the issue number (391)?
	Pointing out	The expert provided		N1: I agree that using base64 representation of the request id (number) as
	better	recommendations for	https://github.com/fastify/f	req- base64_number_representation> would make it less verbose.
15	solution /	newcomers when solving the	astify/issues/2736	E1: I would actually recommend to use .toString(36) instead. It's less compact
	improvement	issues.	ubili j / 155405/ 27 50	than base64, but it would significantly faster to generate. Anyway, it's up for
	Improvement	Issues.		grabs.

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			https://github.com/serverle	E1: Let's use options object ({ isExternal } instead of isExternal). This makes
			ss/serverless/issues/8497	a better API
			https://github.com/Coucher	E1: @HenryZerocool do you want to remove the husky hook and I can
			s-org/couchers/issues/293	merge?
		The expert suggested new		
16	Civina Hints	ideas without giving detailed	https://github.com/pytorch/	E1: @Devanshu24 maybe we can configure the decorator such that it could
16	Giving Hints	solutions or just provided	ignite/issues/1479	either raise DeprecationWarning or use warning.warn?
		directions.		
			https://github.com/mui/mat	E1: oliviertassinari changed the title Change example from js to ts [docs]
			erial-ui/issues/23622	Change Link example from JS to TS
			https://github.com/oppia/op	E1: @KMaragh have a look at the 4th point in this and update the PR title
1.7	Change of title	The expert change the title of the PR that newcomer submitted.	pia-android/issues/1949	accordingly
17			https://github.com/kubernet	E1: @bharath-123 Feel free to remove [WIP] from the PR title if this is ready
			es/kops/issues/10009	for review.
			https://github.com/oppia/op	E1: @seanlip seanlip changed the title Fix height issue of dropdowns in rule
			pia/issues/383	editor Fix #383: fix height issue of dropdowns in rule editor on 23 Apr 2016
18	Pointing out the target files/codes	The expert pointed out the target files/codes to help newcomers quickly figure out the issues.	https://github.com/airctic/ic evision/issues/274	E1: The functions around this issue are still a little bit on the experimental side, the main two files you'll be needing to take a look are draw_data.py and show_data.py, show_annotation.py is deprecated and it'll be removed.
19	Communicati on issues	Newcomers may face the challenges of how to communicate with experts, e.g., some principles, language	https://github.com/oppia/op pia-android/issues/1949	E1: Also, please do not Resolve Comment. The person who has started the conversation should resolve the comment. And you should always reply to comments. So please mark all comments as "unresolved" and reply that you have done that change. Then I will mark that as "Resolved".  N1: Updated the title! I could have sworn I did it before , my mistake.
			https://github.com/quarkusi	N1: hey, actually the thing is I really do want to work. But have no clue as to

			o/quarkus/issues/12522	how to start please help. The slack community is in some other language .its
				quite difficult to get some help.
			https://github.com/oppia/op pia-android/issues/1949	E1: Welcome @KMaragh! Please follow the instructions listed here to go through the onboarding process: https://github.com/oppia/oppia-android/wiki#onboarding-instructions. Once you sign the CLA & fill out the contributor survey, you can start working on this issue.
			https://github.com/quarkusi o/quarkus/issues/12522	E1: Hi @SumaiyaSafdar really great to see you explore contributing to Quarkus - I definitely recommend you get to know Quarkus first to be able to be effective. I suggest you go to https://quarkus.io/get-started/ that contains our beginner/getting started instructions. That should let you get started. Thanks and good luck!
20	Contributing guideline	The expert provided contributing guideline.	https://github.com/Project- Books/book-project/issues/ 391	E1: Please note for the future that our process is to first request to be assigned to an issue. This helps us ensure various things, such as reducing the chances of duplicated work. I also noticed that you marked that you did this in the pull request, but did not.  Before we proceed, could you please request to be assigned on the issue?
			https://github.com/Project- Books/book-project/issues/ 391	E1: Before proceeding, I'd recommend reviewing our contributing guidelines and style guide.
			https://github.com/shogun-t oolbox/shogun/issues/3537	N1: Actually I'm new to Open Source and know only the basics Machine Learning(with no experience in any project) so can you please explain to me in detail or assign me to an easier issue. I want to be involved in this project, so please guide me.  E1: Please read the "getting involved" guide in the wiki, about starting with Shogun. We can't hold your hands unfortunately. I suggest you pick

				something simpler if you don't know how to start here.
21	Instruction of granularity of	The expert provided the suggestions about the	https://github.com/spotify/s cio/issues/3372	N1: Another question, would we want to keep this change in the same PR? E1: This work will need to be splitted and doesn't really fit in this PR anymore. I guess we will need to punt on this for a little bit.
	PR	granularity of PR.	https://github.com/kubernet es/kops/issues/10009	E1: If the system-node-critical feature is too complicated, it can be done as a follow-up PR.
22	Difficulty to reproduce issue	The newcomer faced difficulties to reproduce the issue.	https://github.com/kubernet es/kops/issues/10009	N1: Hey @johngmyers! I would like to pick this issue up and submit a PR.  Any steps to reproduce this issue or any suggestions for me before setting out to resolve this issue would be highly appreciated:)
23	Unclear about the issue	The newcomer was unclear about the assignment of the	https://github.com/rahulsai n/Hackerrank_30daysOFco de/issues/23	N1: I am not able to see what task has already been assigned. So please guide me.
	assignment	issue.	https://github.com/mlpack/mlpack/issues/2619	N1: Hey I saw many people wanted to work on this. Can anybody tell me if anybody is presently working on it or I would like to take up the issue.
24	Instruction of the code style	The expert gave the instructions of code style.	https://github.com/Antenna Pod/AntennaPod/issues/44 75	E1: Please use the same indention as the rest of the file (eg. make this 12 spaces instead of 8)
25	Challenges of environment setting	The newcomers faced challenges of environment setting.	https://github.com/pytorch/ignite/issues/1315	N1: @vfdev-5 i'm working on it ,due to difficulty in dependencies i couldn't proceed further.  E1: @AnshuTrivedi which dependencies difficulty you have ? Maybe we can help with that to guide how to setup a dev environment ?
26	Recommenda tion of suitable tasks	The expert recommended more suitable tasks for newcomers.	https://github.com/pytorch/ignite/issues/1315	E1: @josselineperdomo sounds good, please check some unassigned issues from here : https://github.com/pytorch/ignite/issues?q=is%3Aissue+is%3Aopen+label%3 AHacktoberfest+no%3Aassignee There certainly can be one that you'd like to work on :)

				N1: I'll jump on this one, as my first entry-level issue.
			https://github.com/pacyim/	E1: @GlenDC you can see that a PR was recently submitted referencing this
			https://github.com/neovim/neovim/issues/1474	and fixes the first vim_strbyte issue: #1474. So that work is already underway.
			neovim/issues/14/4	However, as far as I know, noone is working on the (more interesting even but
				less entry-level-ish) #1476.
				N1: I am more than happy to do all of them but I felt that if there is even one
			https://github.com/pytorch/	of them which will never be used it will just be some dead code. So I am
			ignite/issues/1479	looking for your suggestions :)
			Iginte/Issues/14/9	E1: Let's start with @deprecated, as for the others let's see a bit later.
				Personally, I do not have any strong opinion about other decorators.
				N1: So is it a matter of doing some more benchmarks (for example inside
		The newcomer was unclear	https://github.com/neovim/	nvim) of your wrapper approach and implement it if those last benchmarks
			neovim/issues/1474	confirm your original benchmarks?
				Or what are your exact goals with that issue, as I'm slightly confused after
	Unclear about	about the goal of the issue and		reading through the entire issue and comments.
27	the goal of	did not know what he should	https://github.com/shogun-t	N1: @karlnapf i want to take this up.
	issue	do.	oolbox/shogun/issues/3537	Is serialisation module implemented or not. Or should we only implement the
				testing part of it.
			https://github.com/bitcoin/	N1: Are those benchmarks supposed to cover all use cases (for example,
			bitcoin/issues/7883	EncodeBase58 for char arrays and std::strings, as well as for private/public
			01te011/133ue3/7003	keys, pubkey/script hashes etc), or just one or two cases?
		The expert explained the issue		E1: The goal is getting rid of a custom reimplementation of strchr() that isn't
	Clarification of the issue	and provided detailed	https://github.com/neovim/	nearly as optimized and in fact (according to me) does some silly things for
28		instructions for newcomers to	neovim/issues/1474	any unicode codepoint above 255. My version just returns NULL because it
		start.		can't possibly match while the current vim_strbyte() runs through the entire
		- Company		string.

				These things can sometimes be tricky though, so I'd advise you to read through both implementations (the current one and the one I proposed) and convince yourself of this.  Ideally, the changes proposed could be made, plus two more things:
				N1: @karlnapf i want to take this up.  Is serialisation module implemented or not. Or should we only implement the testing part of it.
			https://github.com/shogun-t oolbox/shogun/issues/3537	E1: We have serialization working at the moment (at least in theory). The details under the hood will soon be replaced, but that doesn't matter for this task.
				Try to come up with a simple way to test serialization / de-serialization of all models.
29	Encourageme nt	The expert encouraged the newcomer not to feel difficulties and pressure.	https://github.com/neovim/ neovim/issues/1474	E1: Sorry for the wall of text, and it's really not as daunting as it may sound, I promise:). Just start hacking around on things and creating a PR and we'll guide you from there.
30	Unclear how to link the PR and issue	The newcomer was unclear how to link the PR to its corresponding issue.	https://github.com/neovim/ neovim/issues/1474	N1: Lastly is there a way to link this PR to issue #1474? I don't want someone else to start working on this accidentally. I'm not sure if I missed a step in the process I'm still trying to get up to speed with github.
31	Unclear about the dependences /priority of different issues	Some issues have priority, so the newcomers was confused which issues should be firstly solved.	https://github.com/neovim/neovim/issues/1474	N1: So, it appears to me that it's taking way longer than expected to address issue #1476.  Would it be okay for me to implement a fix for this again and try to actually get this merged?  Or should we just wait for #1476? (If that is the case, why isn't this closed?)
32	Unclear about	The newcomer was confused	https://github.com/nodejs/n	N1: In the light of recent changes to the build process, what is the CI

CI	with different types of CI.	ode/issues/10354	recommendation for doc changes? (sorry, I was not keeping track of the
			conversations) full CI (manual trigger) / lite CI (manual trigger) / do nothing -
			as the auto-CI said all checks have passed.