Custom Code Action

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> If you've opted to have the Premium Feature Upgrade, you now have access to additional Premium and AI features within your account. If you do not have the Premium and AI features and would like to consider an upgrade, please email hello@usekilo.com

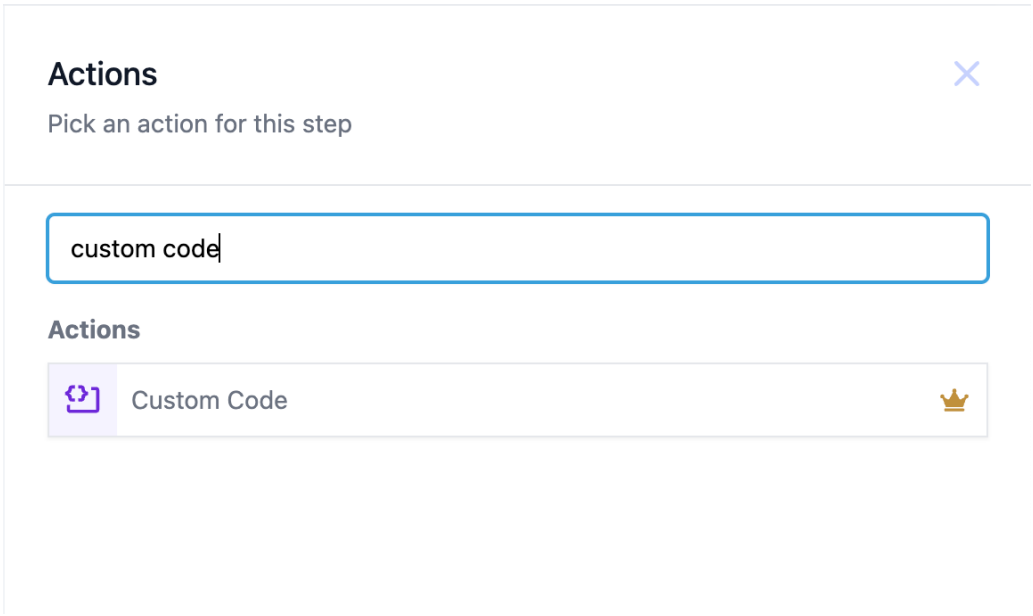
What is Custom Code?

Custom Code is a powerful tool that will allow users to create custom logic they want to achieve and are not available currently. This provides flexibility and control beyond the pre-built actions, enabling users to automate complex tasks and integrate with various services not natively supported. This is a Premium Action.

How it works

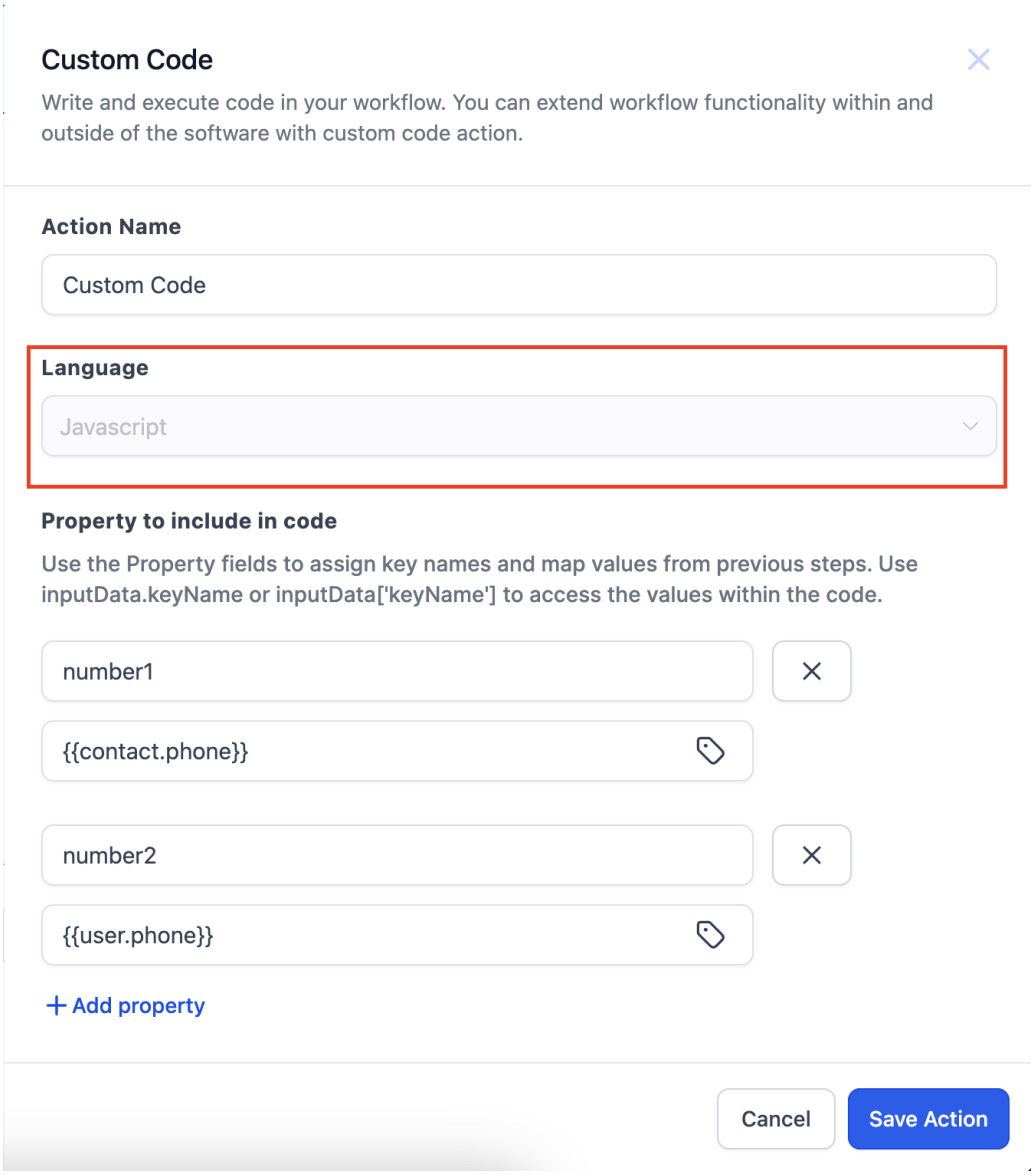
1. Add Action

- In the workflows select the "+" icon to add an action and search for "Custom Code".



2. Programming Language

- The code can be written in JavaScript. This will be the default language selected.



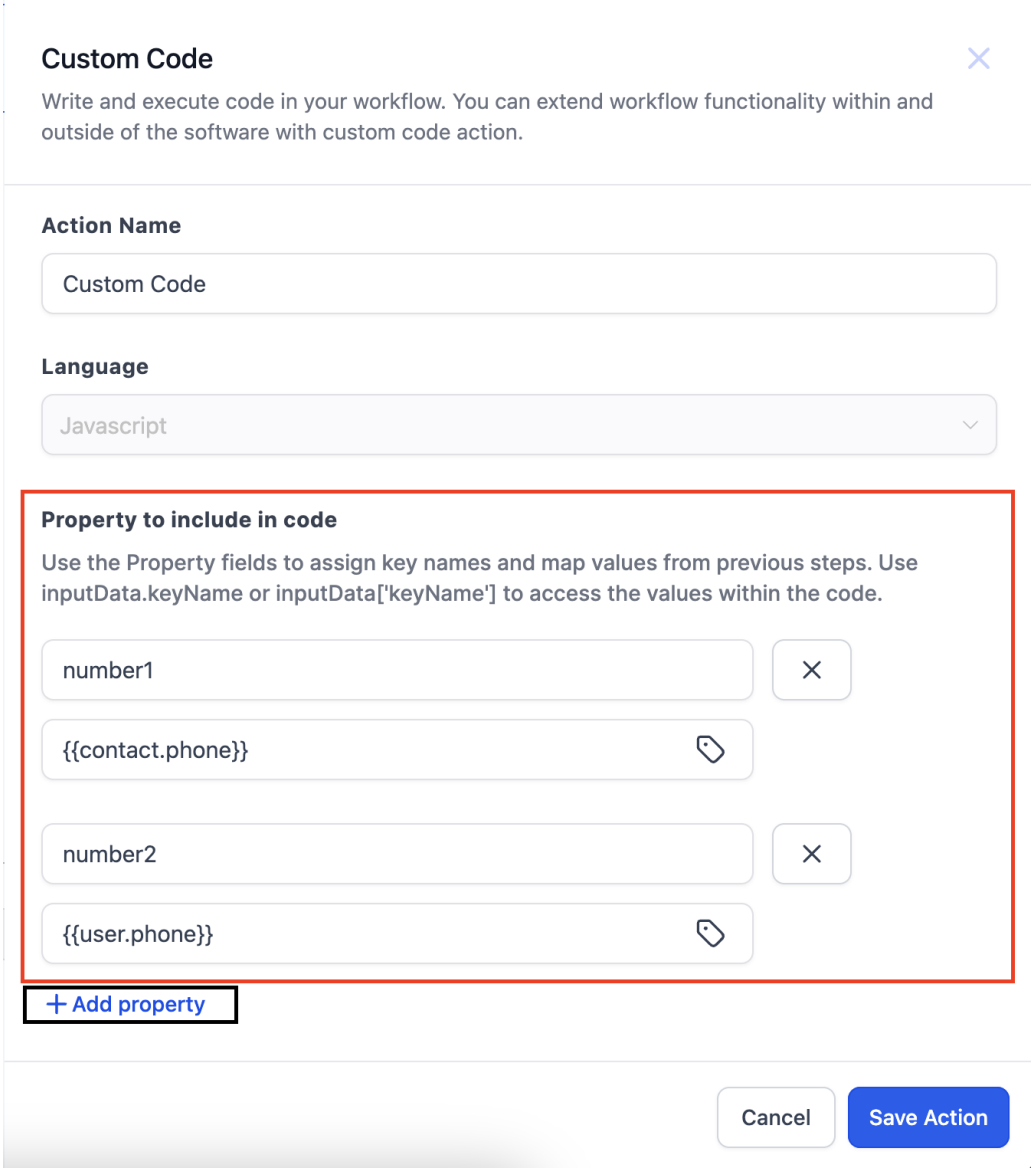
3. Property to be included in code

- Now what if there are values in the triggers or actions above the custom code and you want to use them in the code. That's where this field comes to use.

- These fields allow us to reference values from previous steps in our code by adding them to a dictionary called InputData.

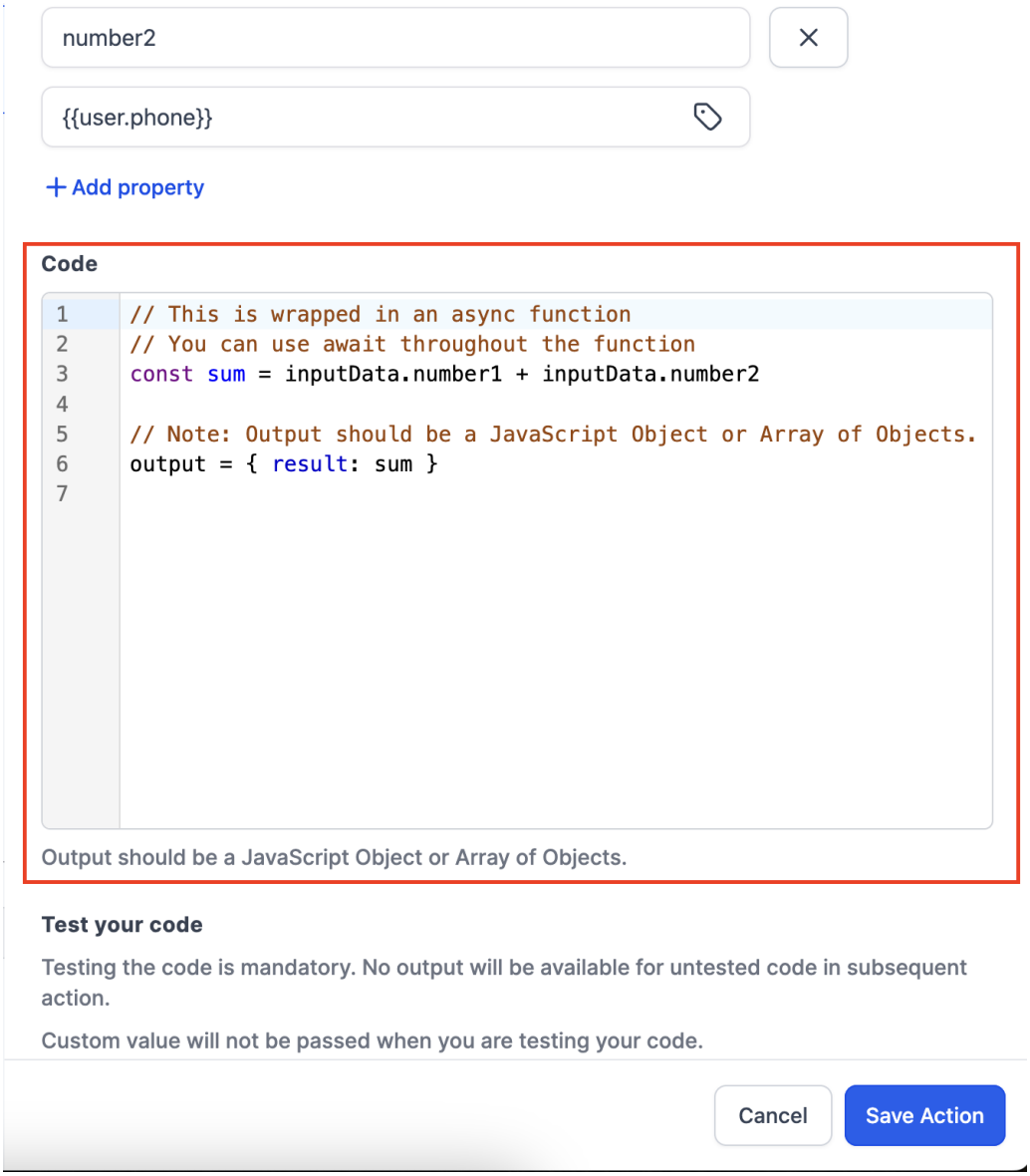
- You can enter the Key in the "Key" input field and assign a value to it by selecting the value through the custom value picker.

- You can add multiple properties by clicking on "Add Property"
- For example, if a trigger gives us information about a customer, which we then need to manipulate, we can add their name to the *Input Data* fields and reference it with *inputData.keyName* or *inputData['keyName']*



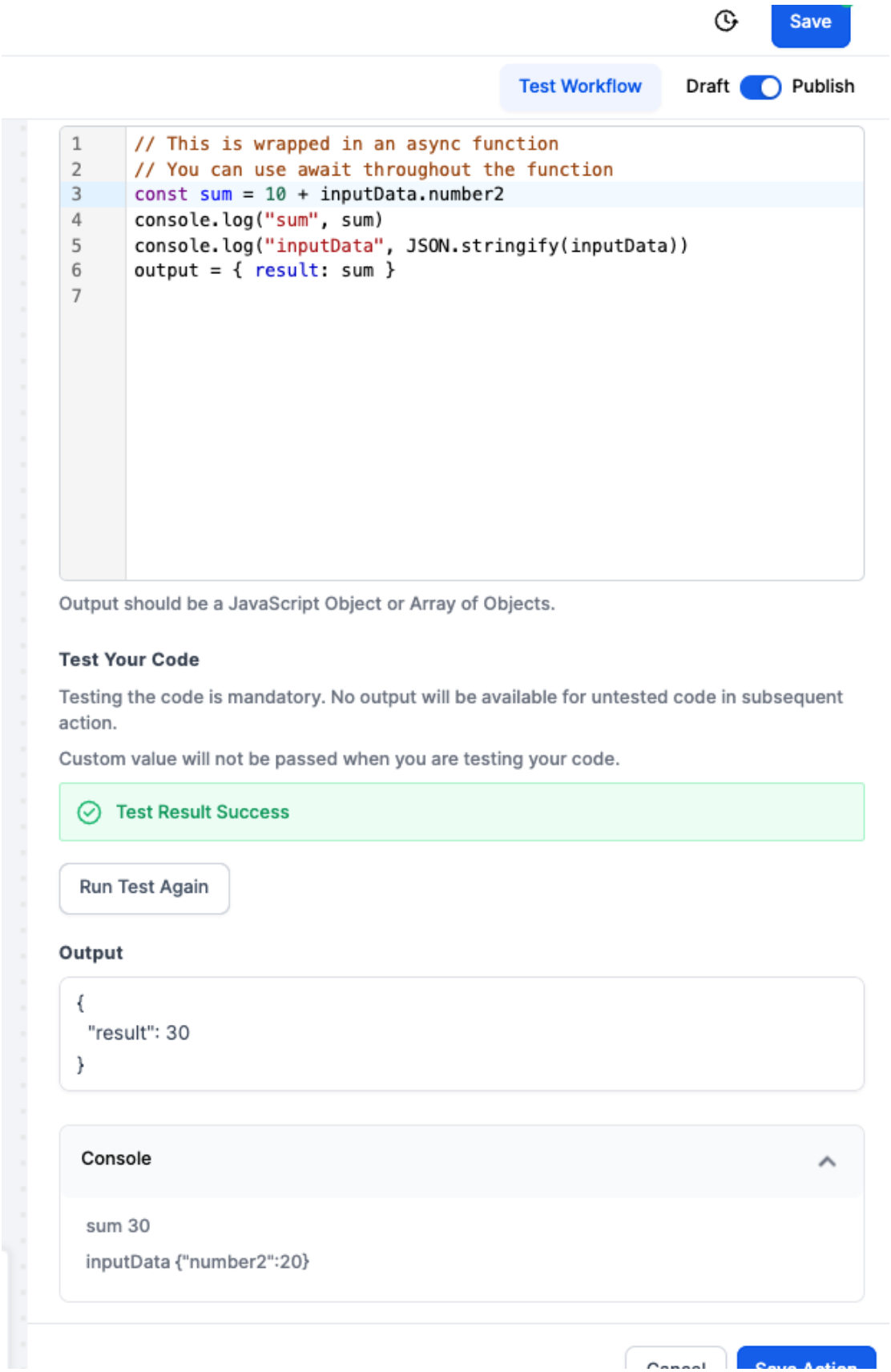
4. Code Editor

- You can write the code in the Code Editor
- A sample code is pre populated for your reference.
- Output should also be written in the code formatter itself.
- Output should be a JavaScript Object or Array of Objects.



5. Enhanced console support

This feature captures and logs all console.log outputs from user code, allowing user to debug and monitor the code more effectively.



6. Test your Code

- Testing the code is a mandatory step, if the test is not done then user will not be able to use the output of the code in the subsequent steps.

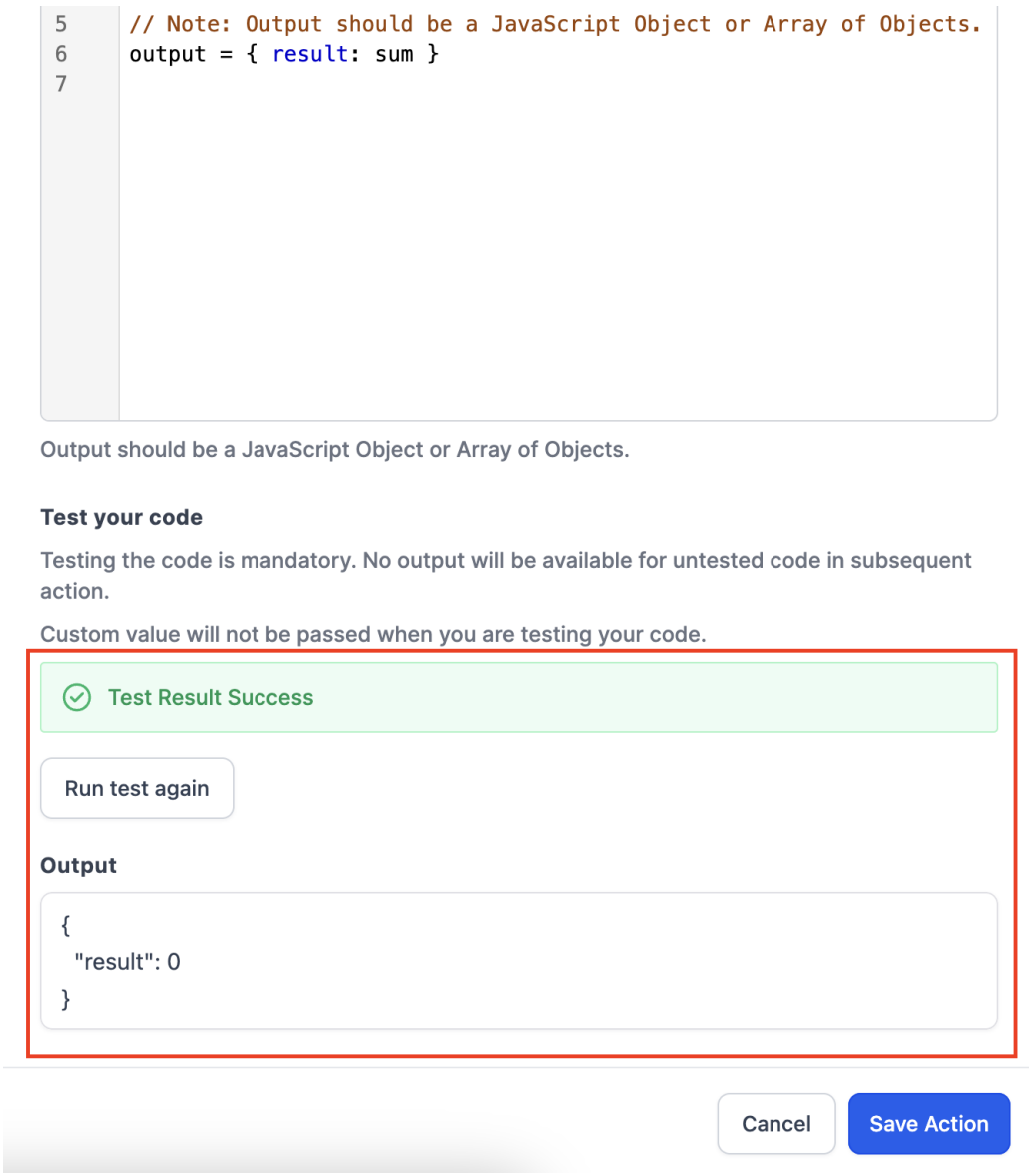
- To test the code click on the "Run Test" button.
- Post clicking on Run test button, if there are no errors in the code them it will show "

Test Result Success

" and if there is an error in code then the result will be "

Test Result Failed

" and you would have to recheck the code to remove the error.



Points to Remember

- Custom value will not be passed when you are testing your code.Only the contact information will be passed when testing a code. Other properties used in the code will not pass while testing.
- Testing the code is mandatory. No output will be available for untested code in subsequent action.
- Use the Property fields to assign key names and map values from previous steps. Use inputData.keyName or inputData['keyName'] to access the values within the code.