1. How will you tackle the challenge above?

Ans--Answer 1: First of all, I will if the input is present and check the values then I will return the value,

however if the input has not contained number , then I will check if the values used in the formula are present in the sheet or not,

and if the values in the formula are present then I will calculate the formula and i will return the calculated value as output.

2. What type of errors you would you check for?

Ans-: Formulas can sometimes result in error values when we are returning the values.

for this problem-

I have to check for the no integer values. If the values are present I will use the formula,

then I will check the errors which are written below

-> Is the formula calculating the LOG of a negative number?

-> Is the formula dividing by zero?

-> Is the formula trying to calculate the special characters instead of actual values?

-> Is the formula calculating the square root of a negative number?

-> Is the formula calculating a value larger than the maximum value of the current type?

3. How might a user break your code?

Ans: 'Break code' means presenting the output in a desirable form so the user may try to break our code if any error can occur and if the exceptions are not handled properly. There are some scenarios where users might break our code. The scenarios can be:

-> If the code is not tested properly.

-> If the code is not mandated regularly.

-> If the code is not properly version-controlled.

-> If the code does not report errors.