Choice of Interviewee and Interview Questions

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Criteria for the selection of the interviewee :

As the Gaussian Integral is used for the normalization of the samples and for the calculation of the err function vividly . It has various usage in the field of electronics and computer graphics , to render the data in the normalized form . My focuss was for this problem was to find the interviewee how have been using the number for relevant amount of time . Also for whome generating a calculator will help them in their daily calculation with the number. Moreover using their experience how much further I can improve the calculator to incollaborator more functionality related to the calculator .

Interviewee selected for the task :

For the detailed analasis of the questions I have choosen two interviewee from two different background , one is from the computer science and other is from the electronics background

Interviewee 1 :
Name :- Richa Aggarwal
Background :- Electronics (M.S. integrated circuit and system from The University of Texas at Austin)
Experience working with number :- Probably working from the past 2 and half year with the number .

Interviewee 2 :
Name :- Sumit
Background :- Computer Science (M.S. integrated circuit and system from The University of Texas at Austin)
Experience working with number :- working from approximately 3 year with the number .

Interview Question asked :

As per the requirment I have categorized my question into three different categories :
1. General Question
2. Number specific
3. General to Calculator

General Question :

Interview Question 1 :- what is your name ?
Response:
Interviewee 1 :- Richa Aggarwal
Interviewee 2 :- Sumit

Interview Question 2 :- How long have you been working with the Gaussian Integral ?
Response:
Interviewee 1 :- working from the past 2 and half year with the number .
Interviewee 2 :- working from approximately 3 year with the number .

Interview Question 3 :- where do you use it ?
Response:
Interviewee 1 :- In normalization of the binary data from the circuit and also in normalization of the signals to convert them into sine form .
Interviewee 2 :- In the gussian filter for rendering the pixels in computer graphics

Interview Question 4 :- How often do you use it ?
Response:
Interviewee 1 :- Once or Twice a month .
Interviewee 2 :- Approximately three to four times in a week

Interview Question 5 :- How do you calculate the number now ?
Response:
Interviewee 1 :- Usually Online portal
Interviewee 2 :- Company provide service

Number Specific Question :

Interview Question 1 :- Do you want your result in the form π or in numerical format ?
Response:
Interviewee 1 :- In the form of numbers .
Interviewee 2 :- For changing the pixel ratio numerical format is the best .

Interview Question 2 :- For upto how many digit you want to calculate the result ?
Response:
Interviewee 1 :- Approximation could be considered upto 4 digits .
Interviewee 2 :- upto 2 or 3 digits .

Interview Question 3 :- Do you want the limits of the integration to be fixed from ?
Response:
Interviewee 1 :- Yes , as we wants to calculate the result for the large number of samples therefore limits over the entire real line
Interviewee 2 :- No, sometimes limits change for small intervals

Interview Question 4 :- Do you want to combine the result of Gaussian Integer with some other integral or multiplier
Response:
Interviewee 1 :- NO, we only requires the value of the gaussian integral other operations are done seperately .
Interviewee 2 :- Yes , we have to multiply the number with aspect ratio to the better sampling of numbers.