Worksheet-1

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Subject Name: Cloud Computing Lab   **Subject Code:** 22E-21CAP-686_21MCD-1_A

1. **Aim/Overview of the practical:** Introduction to Google Sheets and Google Forms

2. **Task to be done:**

   Create Google Form and create Google sheet. On Google sheet, apply the Vlookup Formula.

   Sol1.)

STEP1. Firstly we start with google form and now we go to google and write "**google form**" and we get the fist link of google form and then we click on it .and then we get this type of interface.
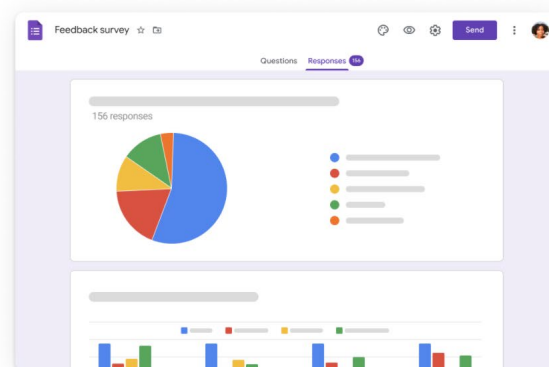
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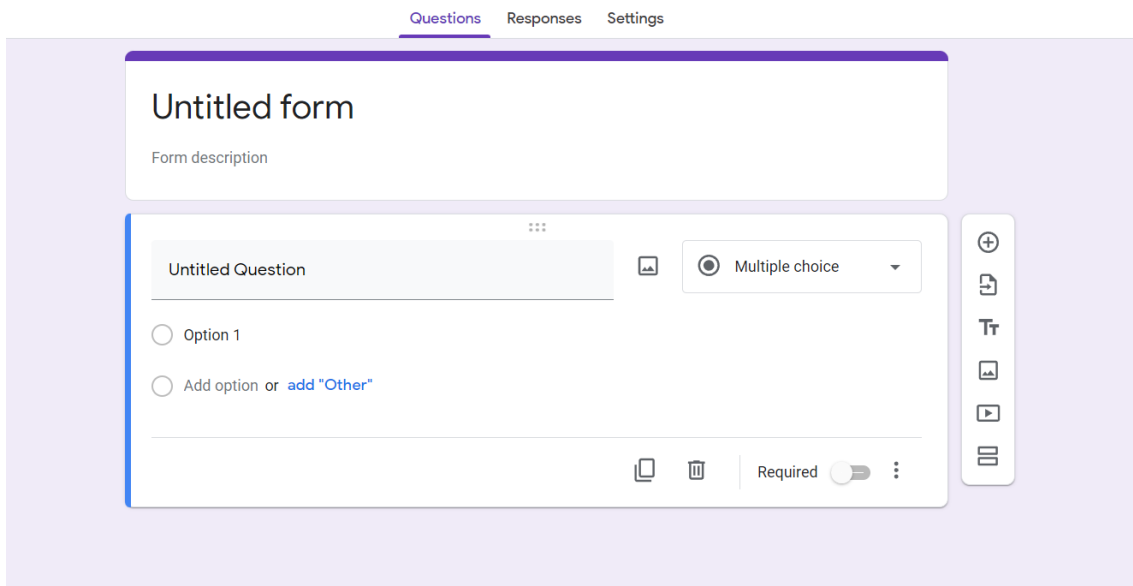
STEP 2 . Now Click on " Go to forms" we get the various templates of forms .
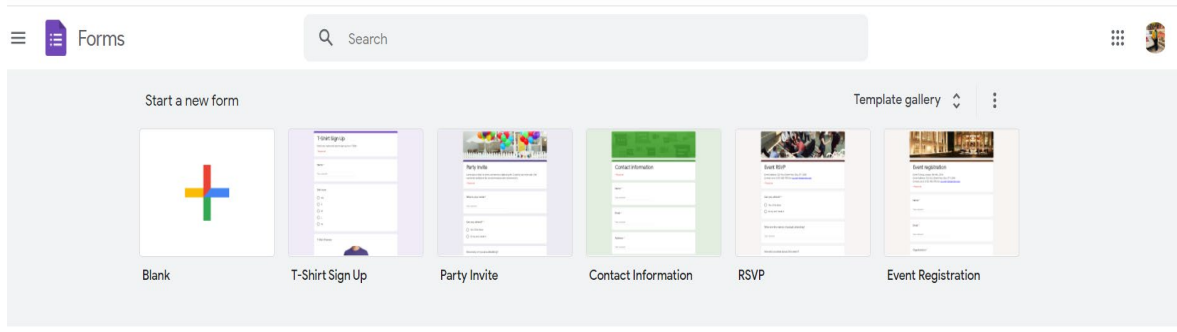
STEP 3. Now we Click on blank form or should u go for any template given here . We go for the blank template .

STEP 4. In untitled form section we give the form according to our need as like my form name is **"Tarush Club"** . In the next section we have ask question to user that we enter on this as like **"what is your name , age etc ;"**

STEP5. Now I going to show my form "Tarush Club "

Questions   Responses 34   Settings

Tarush Club

✨Achieve the dreams✨

Email *

Valid email

This form is collecting emails. Change settings

Name *

Short answer text

Age *

Short answer text

City *

Short answer text

State *

Short answer text

Current Profession *

◯ Student

◯ Working as Freelancer

In which job profile you want to work? *

In which job profile you want to work? *

Short answer text

Which is your Dream Company ? *

Short answer text

Why you to want earn a money? *

Short answer text

What is your dream salary ?

Short answer text

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Dreams *

Short answer text

How much time it take to complete yours dream from your profession? *

○ 4-5 years

○ 5-6 years

○ 6-7 years

Whatsapp No. *

Short answer text

STEP 6. This is my full form that give to my friends and my classmates to fill this form I get 34 responses on form . Now to check responses we have to go the responses tab .

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Questions   Responses **34**   Settings

34 responses

Accepting responses ●

Summary   Question   Individual

Who has responded?

Email

shivamdhaka1200@gmail.com
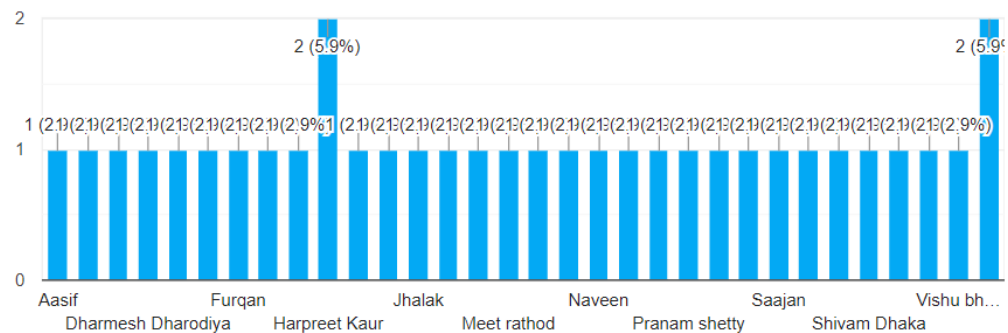
saket.jain05se@gmail.com

razdeepthakur@gmail.com

kkmmishraa5@gmail.com

uic.21mcc2051@gmail.com

STEP 7. In this we check the responses according to our convenient as like we have see the full summary in which we data in graph form
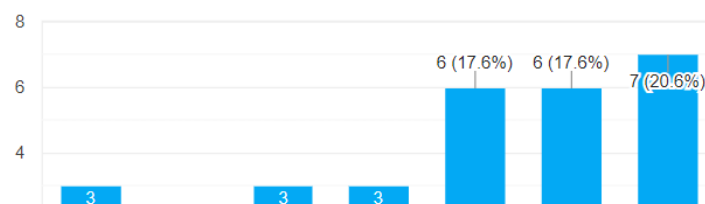
Name

34 responses

Age

34 responses

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STEP8. We see the responses according to our question we ask . We ask question as like **"age".** as we select age from the dropdown . Now we see that 7 person have 22 age .

Summary	Question	Individual

Age ▼   < 2 of 12 >

Age

22

7 responses

20

6 responses

STEP 9. Next we see the response as like individual person .

shivamdhaka1200@gmail.com   ▼   <   30   of   34   >   🖨

Responses cannot be edited

Tarush Club

✨Achieve the dreams✨

* Required

Email *

shivamdhaka1200@gmail.com

Name *

Shivam Dhaka

STEP10.   Google Form give us one more facility we export our data in google sheets for easily share to anyone . Click on this sheet button automatically data transferred .

34 responses

Sol2,)

STEP1. Now we make the google sheets and apply the function VLOOKUP on it .First to open google sheet go on google type **" google sheets"** get the first link then click on **" go to sheet "**
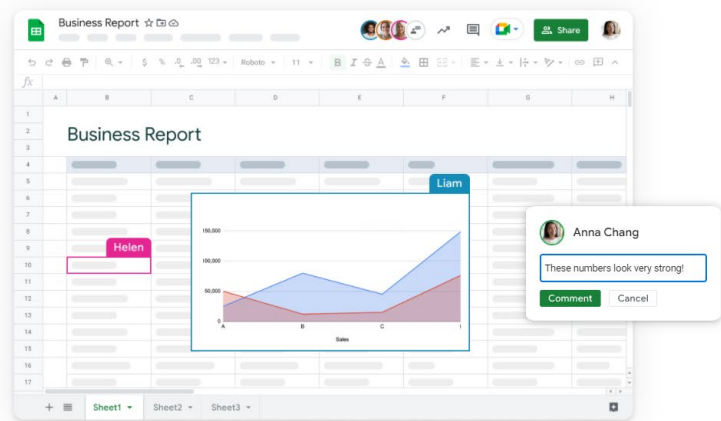

STEP2. Now we get again templates of google sheet and click on blank sheet .
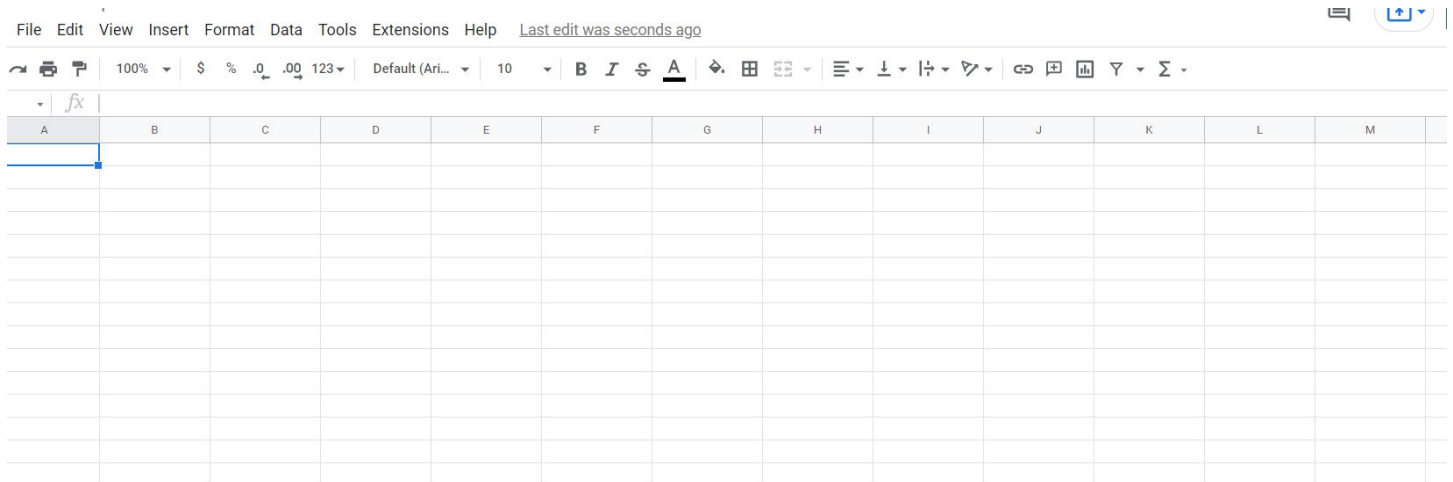
STEP3. Now we paste the sample data to perform VLOOKUP on that data . This is a sample data .

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id	name
1	Jennifer
2	Matt
3	Jennifer
45	Jennifer
5	Jennifer
6	Jennifer
7	Jennifer
8	Jennifer

STEP4. Now we perform VLOOKUP on that data . first of all write all id separate from this. Write like this .Now on name(function) we apply our function .

id (function)	name (function)
1	
2	
3	
45	
10	
11	

STEP5. In this function we have to pass four arguments as like :-

1.) Search key :- this is on which we have to perform the function as like we have to perfrom on our id(function)

id	name		id (function)	name (function)
1	Jennifer		1	=VLOOKUP(F20
2	Matt		2	
3	Jennifer		3	
45	Jennifer		45	
5	Jennifer		10	
6	Jennifer		11	
7	Jennifer			
8	Jennifer			

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2.) Range:- this is to select the whole table of data from which we implement the function

id	name		id (function)	name (function)
1	Jennifer		1	=VLOOKUP(F20,C19:D27
2	Matt		2	
3	Jennifer		3	
45	Jennifer		45	
5	Jennifer		10	
6	Jennifer		11	
7	Jennifer			
8	Jennifer			

By selecting the whole data and then we have to press the **F4.**

3.) Index:- this is to select the which coloumn of data you have to put on this function then we have to press **"2"** because I want to take the name from that data

id	name		id (function)	Jennifer ✕ on)
1	Jennifer			? =VLOOKUP(F20,$C$19:$D$27,2
2	Matt		2	
3	Jennifer		3	
45	Jennifer		45	
5	Jennifer		10	
6	Jennifer		11	
7	Jennifer			
8	Jennifer			

4.) Is_sorrted:- write here is false , if data is not found is says N/A . as write false it automatically match the data from that table .

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id	name
1	Jennifer
2	Matt
3	Jennifer
45	Jennifer
5	Jennifer
6	Jennifer
7	Jennifer
8	Jennifer

id (function)	Jennifer × on)
1	=VLOOKUP(F20,$C$19:$D$27,2,false)
2	Matt
3	Jennifer
45	Jennifer
10	#N/A
11	#N/A

N/A means that data is not found according to id(function) is written as we see we have not 10 in base table

Learning outcomes (What I have learnt):

1. Learn about the google sheets and google form

Evaluation Grid:

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Worksheet		10
2.	Demonstration/Performance /Pre Lab Quiz		5
3.	Post Lab Quiz		5