

# PROGRAM STRUCTURE:

- Welcome message(left~picture,right~message)
- Instructions & disclaimer
- Would you like to start the assistance program?
- Enter the following details:
  - Name
  - Age
  - Email
  - Number
  - address
  - Primary contacts' email ids:[ ]
  - Primary contacts' phone numbers: [ ]
  - Any medical disorders?
  - Gender (M/F)(check box)

## Asking once:

- Blood group (entry)
- Have you travelled anywhere internationally in the last 30 days?
- Have you been in contact with anyone who tested positive for Covid-19?
- Do you work in the healthcare sector?
- Allergies (to any specific medicines) and entry-what causes
- Consulted any doc previously ?
- Under any specific treatment? And entry box

- NEXT PAGE: (in a loop for 5 days)

yes/no:

Most common symptoms:

dry cough

tiredness

Less common symptoms:

aches and pains

sore throat

diarrhoea

conjunctivitis

headache

loss of taste or smell

a rash on skin, or discolouration of fingers or toes

- Health stats:[blood pressure,body temp,heart rate,**etc**](loop)

Serious symptoms:

- difficulty breathing or shortness of breath
- chest pain or pressure
- loss of speech or movement

Input Questions:

- Enter your current temperature
- Enter weight
- Enter blood pressure
- Heart rate

(the above given health stats will be stored in a csv)

- If all health stats are normal => print('you are doing well today')
- Elif any of the health stats are out of normal range => print('please stay away from people and take **BETTER** care of yourself')
- Elif conditions are worse=> consult a doctor

At the end of third day,

- If the report is bad, show a window saying "your health is not looking good for the past 3 days. 'You should consider seeing a doctor immediately'
- Mail user report to user
- If the overall report is bad, send an email containing the report to primary contacts to update them about user's health.

At the end of 5 days,

- If the report is bad, show a window saying "your health is not looking good for the past 3 days. You should consider seeing a doctor immediately"
- write a mail to the nearest hospital about a potential patient and mail to
- Also, inform the primary contacts.
- If the report is normal, break

Thanks for using our assistance program

Share it with your acquaintance if they require help.

End

For making the email code=> create a new google account and allow less secure apps to ON  
DO NOT FORGET TO ALLOW LESS SECURE APPS TO LOGIN.

(basically means we are lowering the security)

**TYPE THIS IN YOUR COMMAND PROMPT :**

**python -m smtpd -c DebuggingServer -n localhost:1025**

When you send emails through Python, you should make sure that your SMTP connection is encrypted, so that your message and login credentials are not easily accessed by others. SSL (Secure Sockets Layer) and TLS (Transport Layer Security) are two protocols that can be used to encrypt an SMTP connection. It's not necessary to use either of these when using a local debugging server.

Welcome → have acc → login

→ dont have acc → registration → Questions → save → close

After 3 days → Questions → save → if condition bad → show bad msg

→ if condition good → close the

application popup

Helpline email: [ncov2019\[at\]gmail\[dot\]com](mailto:ncov2019@gmail.com)