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18/ENG02/005

COMPUTER ENGINEERING

STRUCTURED COMPUTER PROGRAMMING  
(ENG 224)

1. Design the applications following the software development cycle.

1. Requirement gathering and analysis:

This work gathering all the Data Sources from the latest paper research and study around the world about Coronavirus Disease (COVID-19) Start the data collection planning by reviewing to what extent existing data can be used. In terms of indicators, the evaluation should aim to draw on different types of indicators (i.e., latest inputs, outputs, outcomes, impacts,) to reflect the key results in the disease's theory of change. Impact evaluations of (COVID-19) should ideally use the indicators that were selected for monitoring performance throughout the disease implementation period, [1] and how coronavirus pandemic has spread across the world. this study is a literature review for all paper and study has been done about Coronavirus Disease (COVID-19).

2. Design: This part I'll create my input for the next phase

3. Implementation and coding: The advantage of this system is to know or detect who has the virus. This is where the documents I'll create comes in. The documents I made in design acting as my input will be used in this case.

4. Testing: Here's how it works: Users take a survey with questions about their symptoms. If they have symptoms suggesting COVID-19 infection, the app recommends testing and tells if u have the symptoms or if you're likely to have the virus

5. Deployment: The developer code is moved for production after testing has taken place.

6. Maintenance: In this case the developer comes in when there is a problem with the application.

2.Critically discuss the hardware and software features.

#### HARDWARE FEATURES

In this app you can call the necessary emergency number so it has a dual sim (Nano sim), it has 16gb of RAM, 2.9 GHz, 600Gb

#### SOFTWARE FEATURES

This app is developed with the help of APPLE. It's a series of revolutionary and magical products. On January 9, 2007, Steve Jobs announced the first iPhone at the Macworld convention, receiving substantial media attention. Jobs announced that the first iPhone would be released later that year. On June 29, 2007, the first iPhone was released. They have been doing this for the past 10years now and I trust them and partnering with them was the best

thing that ever happened.

3. Support your answer with a flowchart and algorithm.

ALGORITHM

P-positive +

N-negative -

Step 1-Start

Step 2- Detect B

Step 3- confirm/read detect

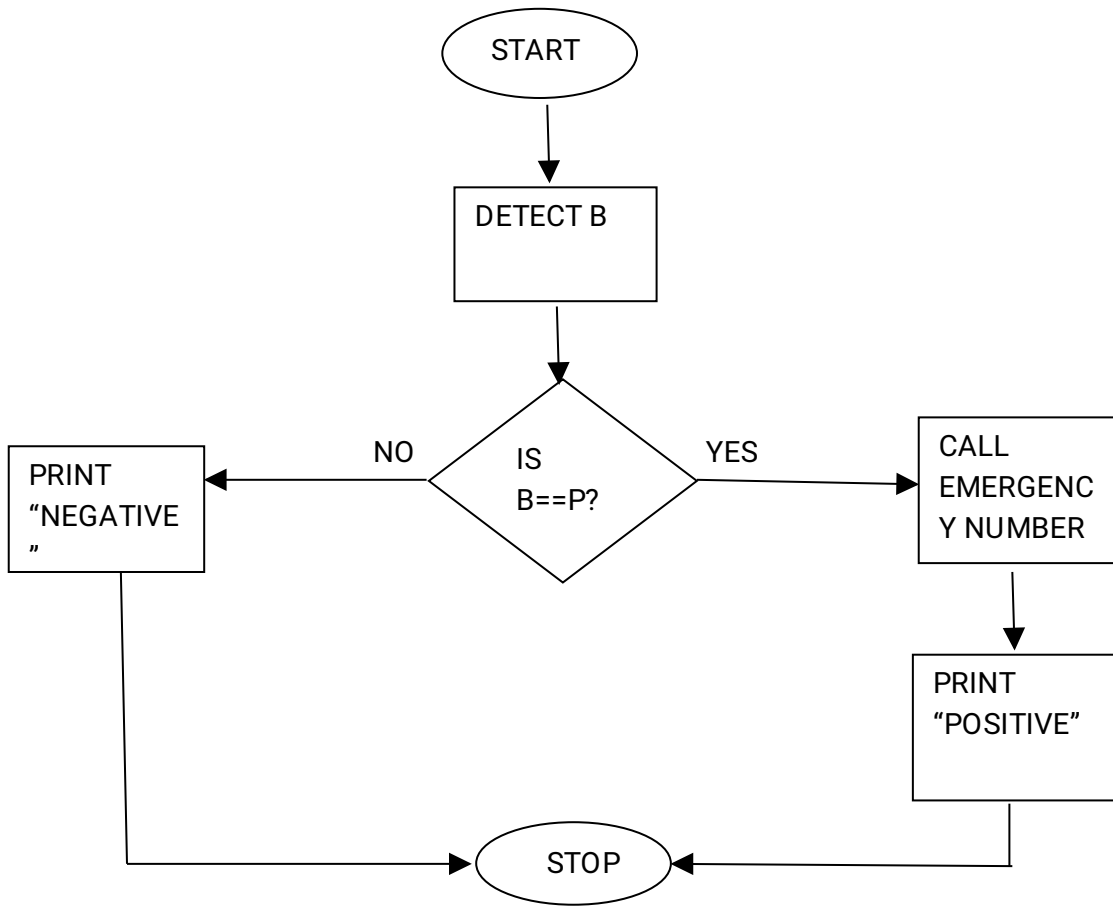
Step 4- if B=is positive call emergency number

Afterwards Print 'Positive'

If B=negative

Print 'Negative'

FLOWCHART



4.

