**Assignment: - 1**

Subject code: - IT5016

Flowchart and Pseudocode

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**Introduction**

**Flowchart: -** Flowchart is the step-by-step diagram of a program using different shapes, which represent different conditions such as Input, Process and conditions.

**Pseudocode: -** Pseudocode is the simple English language written process, it describes how to write program through written script.

Flowchart and Pseudocode are used to make programs for any website or software, so that during the coding we can save time and make less errors.

**Flowchart of Dalfry**

A diagram of a diagram

Description automatically generated with medium confidence

**Pseudocode:**

Start

INPUT Take pen and paper

Write down all the things(ingredients) which you need

Lentils (Dal) Oil, Chili powder, Turmeric powder, black paper, Black Cumin, Carom Seeds, Fennel Seed

INPUT Go to PAK’nSAVE and take basket there

INPUT Go to ingredients section

Collect all ingredients

    If all ingredients are collected check through the list THEN;

        Go to bill Counter

    Else if any ingredient is not collected, THEN;

        Go to ingredient section

        Continue (do loop until all ingredients are collected)

Pay bill

INPUT comes to home

Take out Lentils (dal) and all ingredients from the packet

INPUT take hob and add 2 glass of water

INPUT add Lentils (Dal) + 1 spoon Salt or as per your test

INPUT start the gas stove

Boiled it

    If it is boiled, THEN

        Take oil and add ingredients

    Else if it is not boiled, THEN

        Boiled it again

        Continue (do loop until it boiled)

INPUT Chili powder, Turmeric powder, black paper, Black Cumin, Carom Seeds, Fennel Seed

INPUT take bowl and spoon

Mix it well

INPUT take fry pan and fry it on gas

    If it is fry, THEN

        Add boiled Lentils (Dal) in fry ingredients

    Else it is not fry, THEN

        fry it again

        Continue (do loop until it fry)

Start gas and boiled again

    If is it boiled, THEN

        Ready to Eat

    Else if it is not boiled, THEN

        Start gas and boiled it again

        Continue (do loop until it boiled)

INPUT It is ready to eat

INPUT take dish and spoon

Take out into dish

INPUT you can start to eat

END