CC1– COMPUTING FUNDAMENTALS

Laboratory Exercise #1 Introduction to Office Productivity Suites

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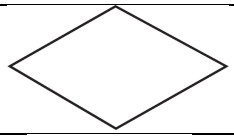
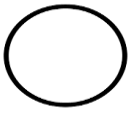
Code/ Schedule: 7c2gxq/ 7:30-11:30(S) Terminal#: 3

Activity# 2

1. Research about the use of Flowcharts in using solving programming problems

Program Flow chart is a diagram that uses a set of standard graphic symbols to represent the sequence of coded instructions fed into a computer, enabling it to perform specified logical and arithmetical operations. It is a great tool to improve work efficiency. There are four basic symbols in program flowchart, start, process, decision and end. Each symbol represents a piece of the code written for the program.

2. Identify relevant Flow chart symbols and their purpose in solving problems.

Symbol	Name	Function
	Terminal	Indicates the starting or ending of the program, process, or interrupt program.
	Input/ Output	Used for any Input or Output Operations.
	Process	Indicates any type of Internal operation inside the Processor or memory (Store Information and Do calculations- variables)
	Decision	Used to ask questions that can be answered in a binary format(Yes/No), (True/False).
	connector	Allows the flow charts to be drawn without intersecting lines or without a reverse flow.
	Flow lines	Show the direction flow

3. Cite a simple programming problem and how it's solution /algorithm can be presented using a flow chart.

A. Problem Statement.

Find the sum of 0 and the X = 1

B. Numbered pseudocode of solution/ algorithm

1. Start

2. Sum= 0, X=1
3. Sum= Sum + X
4. X= X + 1
5. X > 100
6. Print Sum
7. End

C. Flowchart