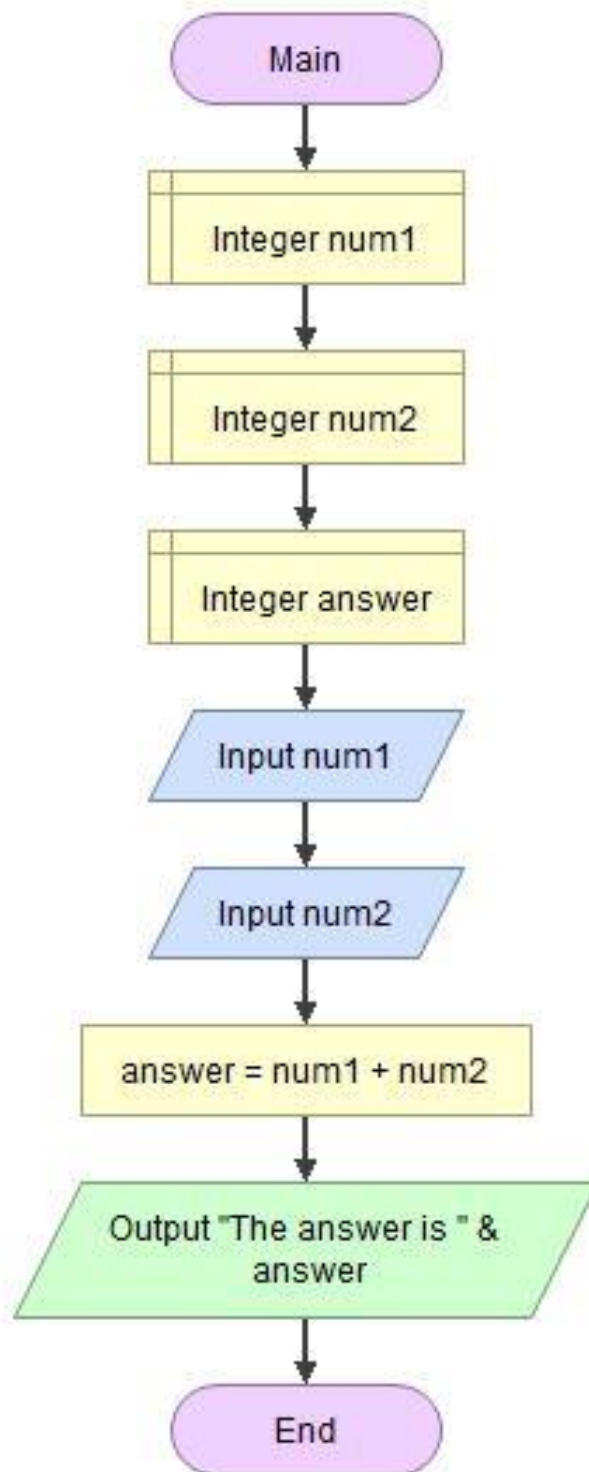


## FLOWGORITHM EXERCISES

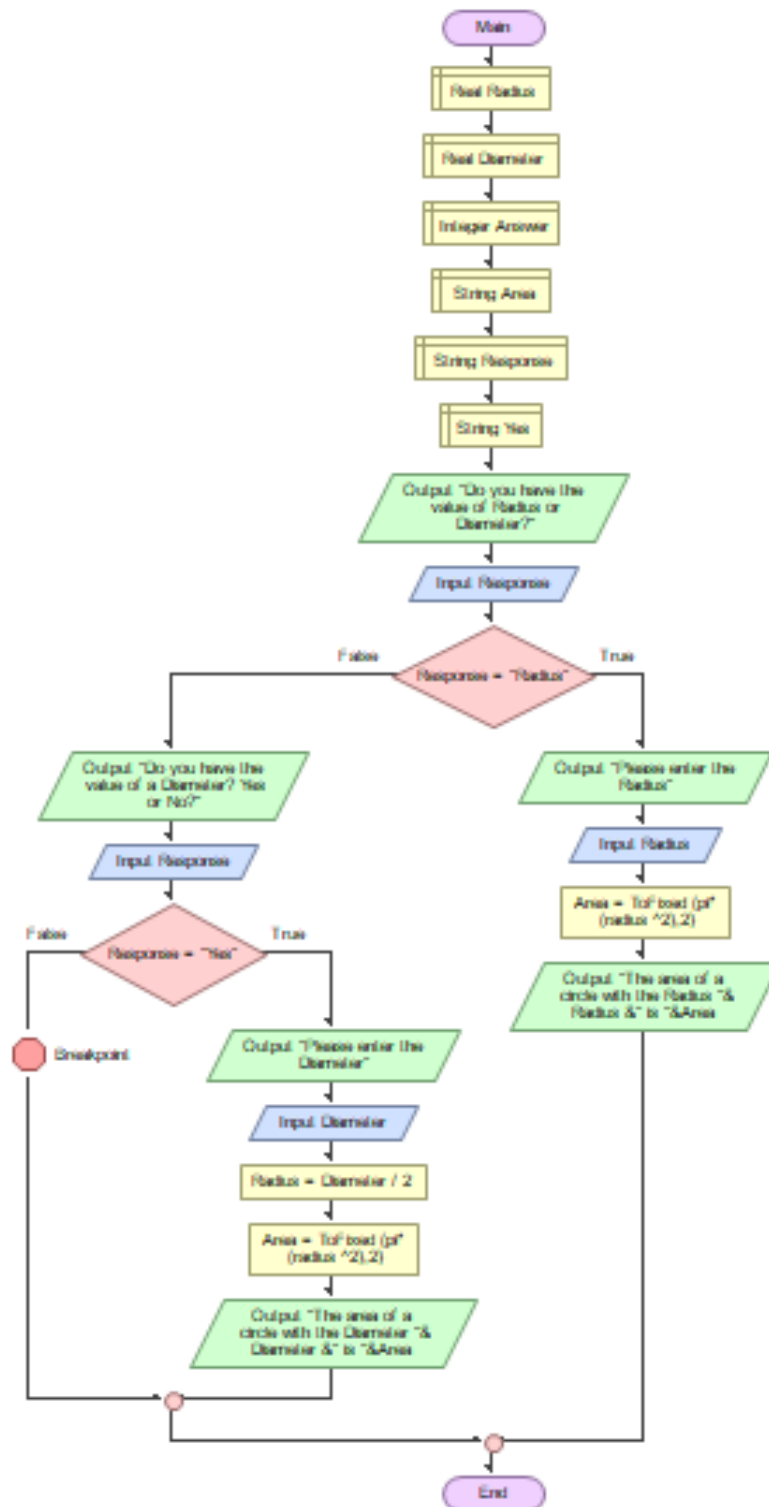
Flowgorithm is a free application that helps you create programs using simple flowcharts. Using Flowgorithm, you can use shapes to represent the different actions that you want your program to perform. So, you can concentrate on the algorithm rather than all the nuances and details of a typical programming language. Flowgorithm Exercises or what we call the machine projects is not all about the output. Rather, its how you interpret and analyze what the process is all about by means of understanding its symbols and expressions used. Flowcharting visually displays the sequence of activities in a process which utilizes various arrows and symbols to map out the order of processing steps and divergent paths determined by variable choices. Basic flowchart symbols are; Terminator Symbol, Processing Symbol, Input or Output Symbol and Decision Symbol. When using flowcharts, it helps you define the problem and verifying root causes, especially when the problem involves a process as flowchart maps out the current state of your process. After you have identified root causes, flowcharts can be used in the solution development stage by drawing new charts which demonstrate how the solution/s will be integrated into the existing process. You must also consider what expression should be used in an appropriate symbol because in every symbol there is a corresponding expression/action must be used in order to make your process correct. Basic examples are; Start and End, Output “”, Input/Integer/String, Yes or No or either True or False, etc. Overall, flowcharts accompany process in terms of what output you must process.

With my experience using flowgorithm application, it helps me to do a proper and perfect flowchart. Besides of symbols and expression are their already, it identifies what's wrong in your process and it will help you by means of telling what's wrong with your process for you to know what should be replaces. Overall, familiarizing flowchart in terms of its symbols and expression must be done first before interpreting it to flowgorithm to make your task more easy.

## M1 – Adding Two Numbers



## M2 - Getting the Area of a Circle using Radius and Diameter



### M3 - Odd and Even Number Identifier

