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PROGCON

M1: Adding Two Numbers

Steps and Procedures:

Step 1: Enter a first number

Step 2: Enter a second number

Step 3: Add enter and number in Step 1 and 2

Step 4: Print myAnswer

Flowcharting symbols

1. Terminal – indicates the starting and ending of the program, process, or interrupt program.
2. Input/ Output – used for any Input / Output operation. Indicates that the computer is to obtain data or output results.
3. Process – Indicates any type of internal operation inside the processor or Memory.

I begin my flowgorithm with a terminal, followed by entering myNum1 and myNum2. In order to opt an output that is tagged as myAnswer I just add the entered number for myNum1 and myNum2.

M2: Getting the Area of Circle using Radius and Diameter

Steps and Procedures:

Step 1: Enter a number for radius

Step 2: Enter a number for diameter

Step 3: Calculate the Area of a circle (3.14 \* r2) where r is the value entered is Step 1.

Step 4: Print the Area of the circle

Step 5: Calculate the Area of a circle using (3.14)(d/2)2 wherein d is the value entered in Step 2.

Step 6: Do Step 3.

Flowcharting symbols

1. Terminal – indicates the starting and ending of the program, process, or interrupt program.
2. Input/ Output – used for any Input / Output operation. Indicates that the computer is to obtain data or output results.
3. Decision – Used to ask a question that can be answered in a binary format (Yes/No, True/False)

I begin my Flowgorithm with a terminal, followed by entering the value for r which is radius and d for diameter. If the value for r is not equal to zero then it will calculate the area of the circle using the formula (3.14)r2. On the other hand, if d which is diameter has a value then calculate the area of a circle using the formula (3.14)(d/2)2.