M2-GETTING THE AREA OF CIRCLE

- **Unlimited Decimal Places**

Main

String Name

Name = "Folks!"

Output "Hi There " & name

Output "Ready to find the AREA OF CIRCLE?"

Output "Type (yes) kung g ka"

String Answer

Answer = "yes"

Input Answer

Answer =="yes"

False → Output "Ge, babye"

True → Integer number

Output "Radius or Diameter?"

Output "Type ODD NUMBER for DIAMETER" &

" Type EVEN NUMBER for RADIUS"

Input number

number = number % 2

number == 0

False → Real diameter

True → Real radius

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         Real area                      Real area

   Output "Enter the Diameter"    Output "Enter the Radius"

      Input diameter                  Input radius

  area = pi *(diameter /2 ^2)     area = pi *(radius ^2)

  Output "The Area of Circle is: "&   Output "The Area of Circle is: "&
            area                          area


                      Output "Restart?"

                Output "Type (yes) kung g ka"

                      String Reanswer

                     Reanswer = "yes"

                     Input Reanswer

         False                              True
                   Reanswer =="yes"

   Output "Thanks, babye"                   Main


                          End
```