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Activity # 3: Pseudo-codes Exercises

1. Adding Two Numbers

Start

Declare Num1, Num2, Sum

Output "Enter First Number: "

Input Num1

Output "Enter Second Number: "

Input Num2

$\text{Sum} = \text{Num1} + \text{Num2}$

Output "The Sum is: ", Sum

End

2. Area of a Circle

Start

Declare Radius, Diameter, Area, Answer

Output "Input Radius or Diameter? "

If Answer = "Radius" or "radius"

Output "Input Radius: "

$\text{Area} = 3.14 * \text{Radius} * \text{Radius}$

Output "The Area of A Circle is: ", Area

Else if Answer = "Diameter" or "diameter"

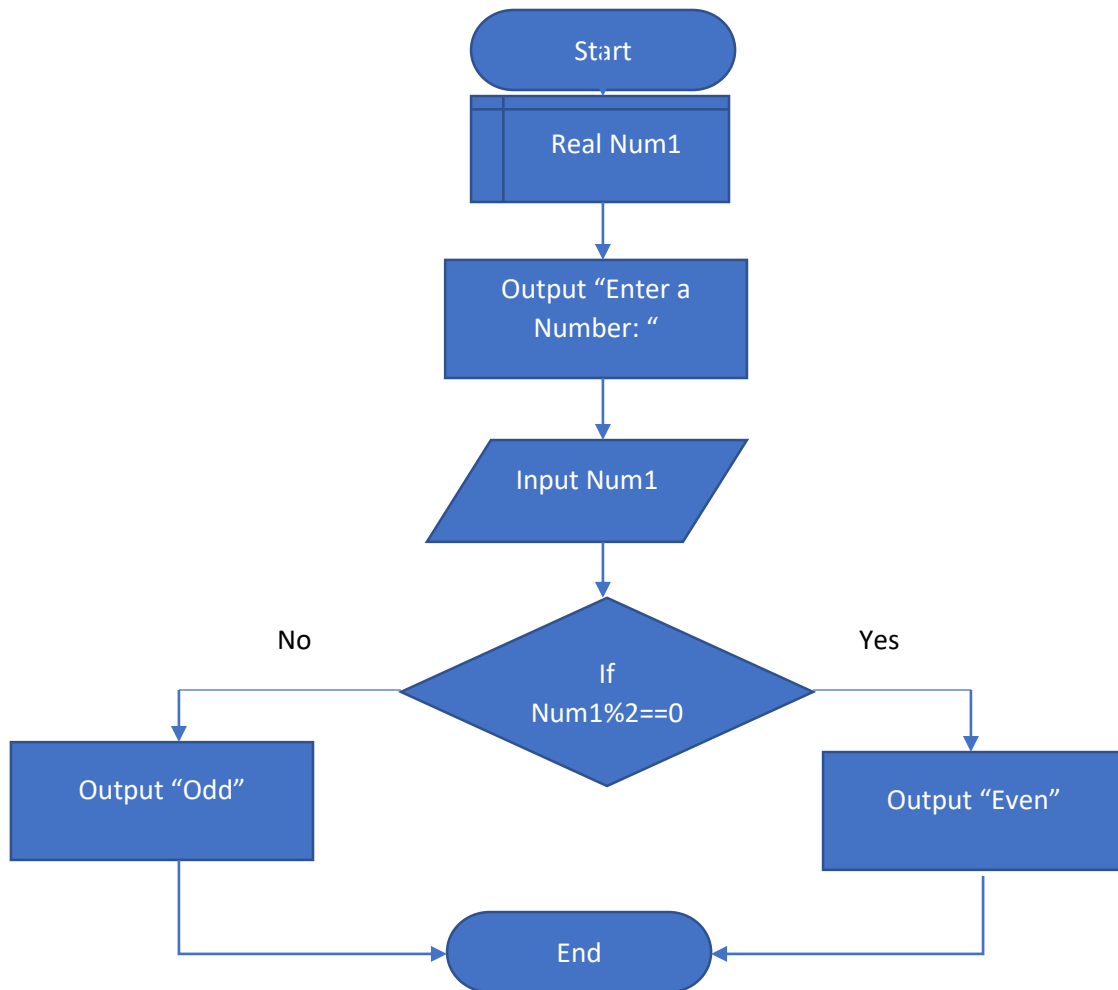
Output "Input Diameter: "

$\text{Area} = (3.14/4) * \text{Diameter} * \text{Diameter}$

Output "The Area of A Circle is: ", Area

End

3. Odd or Even



Start

Declare Num1

Output "Enter A Number: "

Input Num1

If Num1%2==0

 Output "Even"

Else

Output "Odd"

End

Procedure

1. Declare a Variable Num1
2. User will input a value for num1
3. If num1 is not divisible by 2
 - a. The program will output "Even"
4. Else
 - a. The program will Output "Odd"