

In [ ]: 1 # Pre-defined Variables

In [4]: 1 num = 88 # num variable is defined, the value 88 is assigned to the variable  
2  
3 if num % 2 == 0: #This is an if statement that checks if the remainder of num  
4 print("It is an Even Number") #If the condition in the if statement is true  
5 else: # This is part of the if statement and specifies what to do if the condition is false  
6 print("It is an Odd Number") #If num is not even (i.e., it's odd), this

It is an Even Number

In [ ]: 1 # Variables are not defined

In [6]: 1 num = int(input("Enter the number here: ")) # This line asks the user to input a number  
2  
3 if num % 2 == 0: #This is another if statement that checks if the remainder of num  
4 print("It is an Even Number") #If the condition in line 7 is true, this line will print  
5 else: #This is the else part of the if statement from line 7, specifying what to do if the condition is false  
6 print("It ia an Odd Number") # If num is not even, this line will print

Enter the number here: 11

It ia an Odd Number