**Python Assignment que 2**

**Write a program that prompts the user to input number of calls and calculate the monthly telephone bills as per the following rule:**

**Minimum Rs. 200 for up to 100 calls.**

**Plus Rs. 0.60 per call for next 50 calls.**

**Plus Rs. 0.50 per call for next 50 calls.**

**Plus Rs. 0.40 per call for any call beyond 200 calls.**

def cal\_telephone\_bill(no\_of\_calls):

base\_charge = 200 # Minimum charge for up to 100 calls

cost\_per\_call\_1 = 0.60 # Cost for the next 50 calls

cost\_per\_call\_2 = 0.50 # Cost for the next 50 calls

cost\_per\_call\_3 = 0.40 # Cost for any call beyond 200 calls

if no\_of\_calls <= 100:

total\_cost = base\_charge

elif no\_of\_calls>100 and no\_of\_calls <= 150:

total\_cost = base\_charge + (no\_of\_calls - 100) \* cost\_per\_call\_1

elif no\_of\_calls>150 and no\_of\_calls <= 200:

total\_cost = base\_charge + 50 \* cost\_per\_call\_1 + (no\_of\_calls - 150) \* cost\_per\_call\_2

else:

total\_cost = base\_charge + 50 \* cost\_per\_call\_1 + 50 \* cost\_per\_call\_2 + (no\_of\_calls - 200) \* cost\_per\_call\_3

return total\_cost

if \_\_name\_\_ == "\_\_main\_\_":

no\_of\_calls = int(input("Enter the number of calls: "))

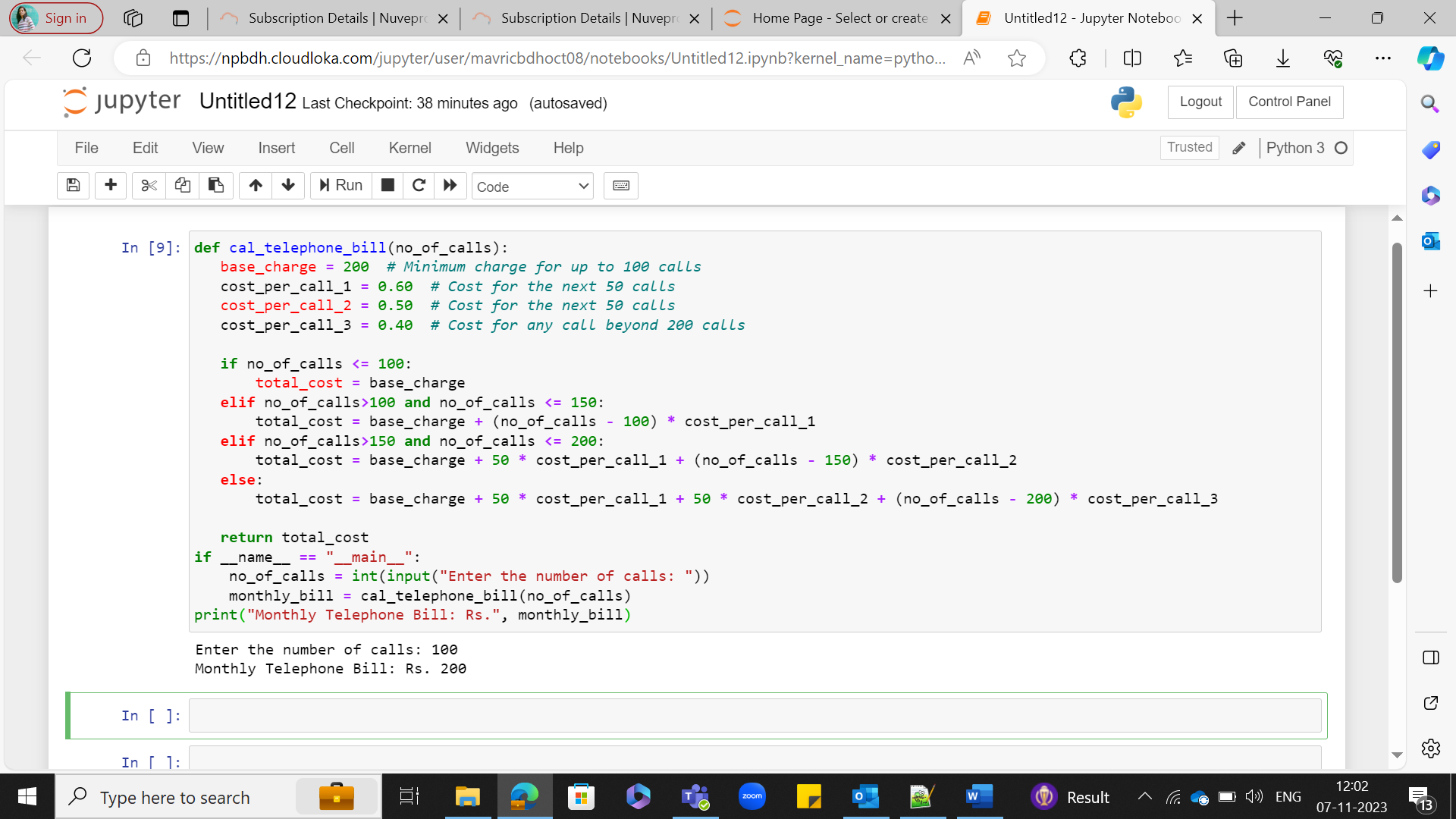
monthly\_bill = cal\_telephone\_bill(no\_of\_calls)

print("Monthly Telephone Bill: Rs.", monthly\_bill)

**OUTPUT:**

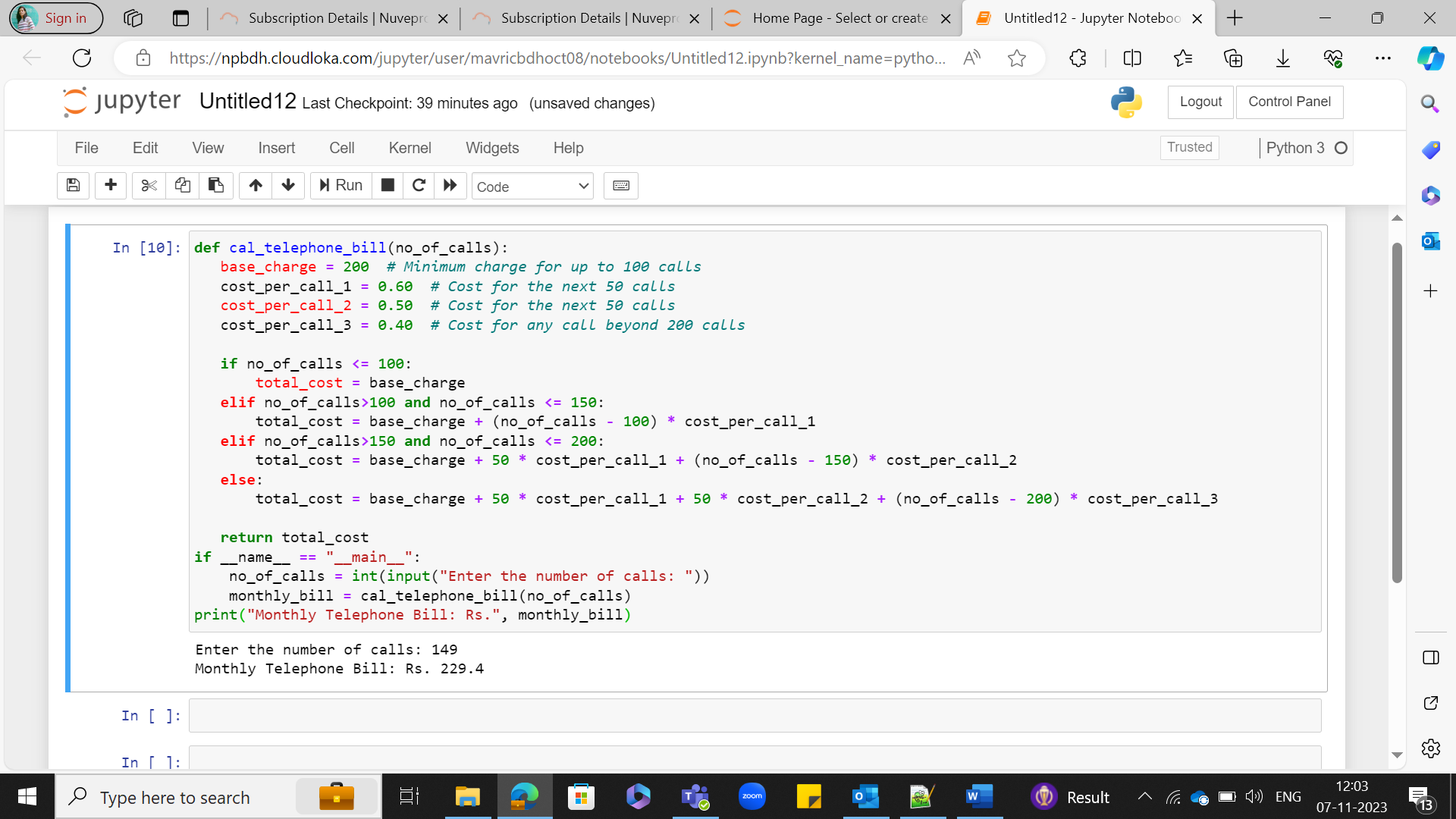
**1.Enter the number of calls: 100**

**Monthly Telephone Bill: Rs. 200**



**2.Enter the number of calls: 149**

**Monthly Telephone Bill: Rs. 229.4**



**3.Enter the number of calls: 200**

**Monthly Telephone Bill: Rs. 255.0**

A screenshot of a computer

Description automatically generated

**4.Enter the number of calls: 210**

**Monthly Telephone Bill: Rs. 259.0**

