from selenium import webdriver  
from selenium.webdriver.common.by import By  
from selenium.webdriver.chrome.service import Service  
from selenium.webdriver.chrome.options import Options  
import time  
# Initialize the Chrome driver  
driver = webdriver.Chrome()  
  
# Step 1: Open the webpage  
driver.get("https://www.guvi.in/")  
time.sleep(3)  
#self  
text\_msg = driver.find\_element(By.XPATH,value ="//\*[@id='solutionslink']").text  
print(text\_msg )  
#parent  
parent = driver.find\_element(By.XPATH, value="//\*[@id='solutionslink']/parent::\*")  
print("Parent Tag Name:", parent.tag\_name)  
  
ancestors = driver.find\_elements(By.XPATH,value="//\*[@id='solutionslink']/ancestor::\*")  
print(len(ancestors ))  
  
# Locate all following siblings  
following\_siblings = driver.find\_elements(By.XPATH, value="//\*[@id='solutionslink']/following-sibling::\*")  
print("Number of following siblings:", len(following\_siblings))  
  
# Select all preceding elements  
preceding\_elements = driver.find\_elements(By.XPATH, value= "//\*[@id='solutionslink']/preceding::\*")  
print("Number of preceding elements:", len(preceding\_elements))  
  
time.sleep(3)  
driver.quit()

