**Q1.**

def swapdc\_changecase(text, n):

text = text.replace(',', 'uncomma').replace('.', ',').replace('uncomma', '.')

if n < len(text):

mod\_text = text[:n].lower() + text[n:].upper()

else:

mod\_text = text.lower()

return mod\_text

text = "Yes, Real time monitoring, Immediate alerts."

n = 6

result = swapdc\_changecase(text, n)

print(result)



**Q2.**

def count\_vowels(text):

vowels = "aeiouAEIOU"

count = 0

unique\_vowels = set()

for char in text:

if char in vowels:

count += 1

unique\_vowels.add(char)

return count, sorted(unique\_vowels)

text = "We are Developers"

total\_vowels, unique\_vowels = count\_vowels(text)

print(f"Total vowels:{total\_vowels}")

print(', '.join(unique\_vowels))

