def caesar\_cipher\_basic(text, shift):

result = ""

for char in text:

if char >= 'a' and char <= 'z':

result += chr((ord(char) - ord('a') + shift) % 26 + ord('a'))

else:

result += char # Keep other characters unchanged

return result

# Example usage

text = input("Enter lowercase text: ")

shift = int(input("Enter shift: "))

encrypted = caesar\_cipher\_basic(text, shift)

print("Encrypted:", encrypted)

def calculate\_gpa():

total\_score = 0

num\_courses = 6

print("Enter your scores out of 100 for 6 courses:")

for i in range(1, num\_courses + 1):

score = float(input(f"Course {i} score: "))

total\_score += score

average = total\_score / num\_courses

# Convert average score to GPA (simple 4.0 scale approximation)

if average >= 90:

gpa = 4.0

elif average >= 80:

gpa = 3.0

elif average >= 70:

gpa = 2.0

elif average >= 60:

gpa = 1.0

else:

gpa = 0.0

print(f"\nAverage Score: {average:.2f}")

print(f"Estimated GPA: {gpa:.1f}")

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

calculate\_gpa()