**Task 7a:**

**program**

def calculate\_fine(days):

if days <= 5:

return days \* 2

elif days <= 10:

return (5 \* 2) + (days - 5) \* 3

else:

return (5 \* 2) + (5 \* 3) + (days - 10) \* 5

print(calculate\_fine(12)) # 44

**task 7b:**

**program**

def exam\_score(student\_answers, correct\_answers):

score = 0

for s, c in zip(student\_answers, correct\_answers):

if s == c:

score += 1

percentage = (score / len(correct\_answers)) \* 100

return score, percentage

**task 7c:**

**program**

student = ['A', 'B', 'C', 'D', 'A']

answer\_key = ['A', 'C', 'C', 'D', 'B']

print(exam\_score(student, answer\_key)) # (3, 60.0)

def check\_password(password):

if (len(password) >= 8 and

any(ch.isupper() for ch in password) and

any(ch.islower() for ch in password) and

any(ch.isdigit() for ch in password) and

any(ch in "!@#$%^&\*()" for ch in password)):

return "Strong"

else:

return "Weak"

print(check\_password("Abc@1234")) # Strong

print(check\_password("abcd1234")) # Weak