

4.b Write a program to convert roman numbers in to integer values using dictionaries.

```
def roman_to_integer(roman_numeral):
    roman_dict = {
        'I': 1,
        'V': 5,
        'X': 10,
        'L': 50,
        'C': 100,
        'D': 500,
        'M': 1000
    }

    result = 0
    prev_value = 0

    for symbol in roman_numeral[::-1]:
        value = roman_dict[symbol]
        if value >= prev_value:
            result = result + value
        else:
            result = result - value
        prev_value = value

    return result

roman_numeral = input("Enter a Roman numeral: ")
integer_value = roman_to_integer(roman_numeral)
print("Integer value:", integer_value)
```