**import** java.util.HashMap;

**public** **class** Roman {

**public** **static** **int** romanToInt(String s) {

HashMap<Character, Integer> romanMap = **new** HashMap<>();

romanMap.put('I', 1);

romanMap.put('V', 5);

romanMap.put('X', 10);

romanMap.put('L', 50);

romanMap.put('C', 100);

romanMap.put('D', 500);

romanMap.put('M', 1000);

**int** result = 0;

**int** prevValue = 0;

**for** (**int** i = s.length() - 1; i >= 0; i--) {

**int** value = romanMap.get(s.charAt(i));

**if** (value < prevValue) {

result -= value;

} **else** {

result += value;

}

prevValue = value;

}

**return** result;

}

**public** **static** **void** main(String[] args) {

String romanNumeral = "XII";

**int** intValue = *romanToInt*(romanNumeral);

System.***out***.println("The integer value of " + romanNumeral + " is: " + intValue);

}

}

