8. [Java] ??? ???? - Character.isDigit(c)

> https://school.programmers.co.kr/learn/courses/30/lessons/120902

> □□ □□ (1□ □□)

```
class Solution {
    public int solution(String my_string) {
        char[] arr = my_string.toCharArray();
        int sum = 0;
        for (char c : arr ) {
            if (c != '+' && c != '-' && c !=' ') {
                sum+= Integer.parseInt(c);
            }
        }
        return sum;
    }
}
```

실행 결과

```
/Solution.java:7: error: incompatible types: char cannot be converted to String
                sum+= Integer.parseInt(c);
                                       ^
Note: Some messages have been simplified; recompile with -Xdiags:verbose to get full output
1 error

테스트 결과 (~˘▾˘)~
1개 중 0개 성공
```

? Integer.parseInt()

- String□ int□□□ □□□□ □□□ □□ □□□ □□ .
- char□□□ □□□ □□□ □□ Integer.parseInt() □□ char □□ □□□ - '0'□ □□ . (ASCII □□)

> “ String → int VS char → int

1. String□ int□ □□□ □□ Integer.parseInt()

```
String str = "123";

// □□□ → int
int num = Integer.parseInt(str);       // 123
```

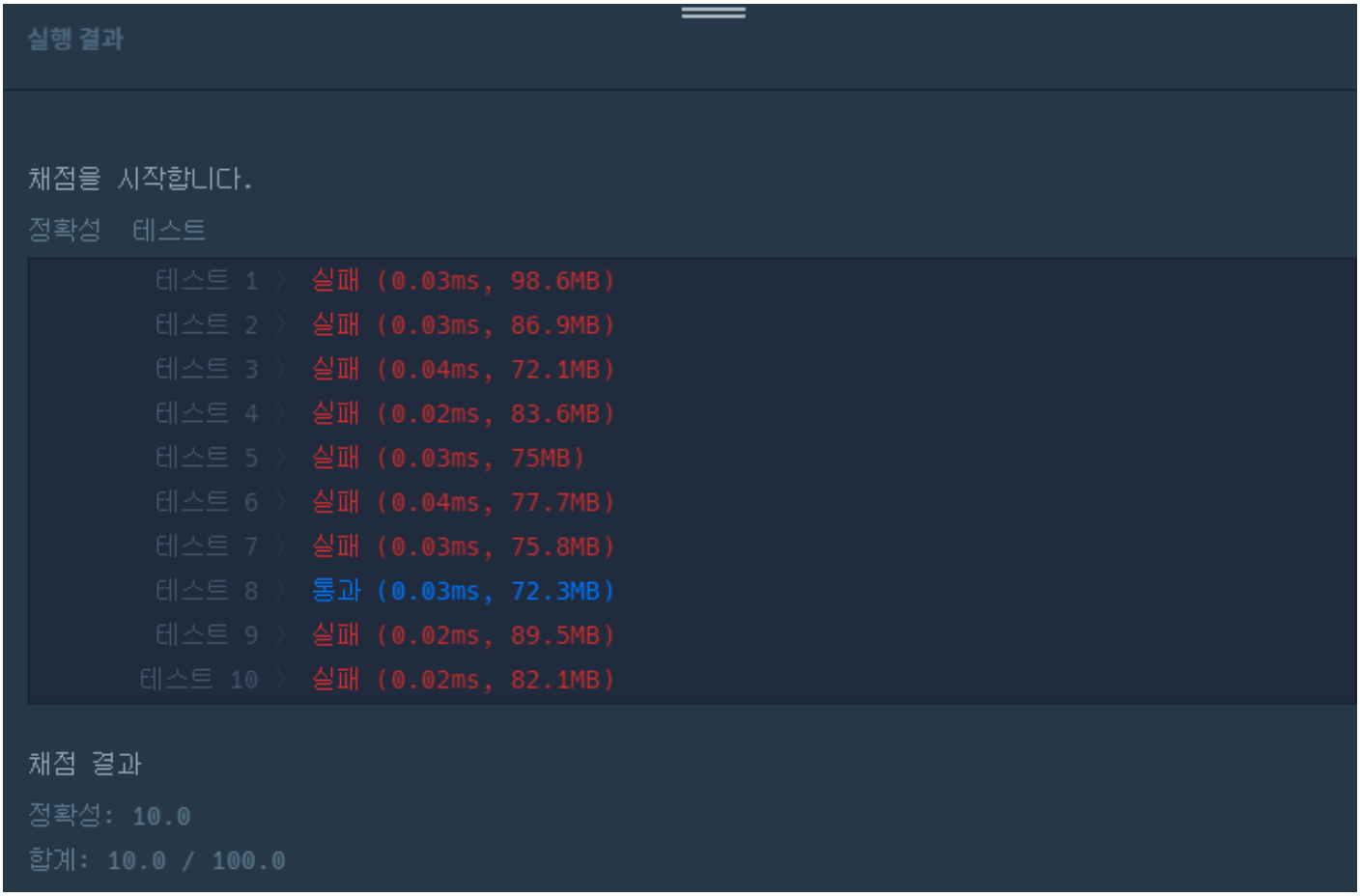
2. char□ □□□ □□□ □□ char □□ □□ - '0'

```
char c = '7';

// □□ → □□ (□□□)
int digit = c - '0';   // '7' - '0' = 7
```

> □□ □□ (2□ □□)

```
class Solution {
    public int solution(String my_string) {
        char[] arr = my_string.toCharArray();
        int sum = 0;
        for (char c : arr ) {
            if (c != '+' && c != '-' && c !=' ') {
                sum+= c - '0';
            }
        }
        return sum;
    }
}
```



□□ □ □□□ □□ □□□ "□ □□ □□ "□ □□□□ . □ , "12"□ □□□ 1 + 2 = 3□□ □□□□ .

```
String my_string = "a12b3";
→ arr = ['a', '1', '2', 'b', '3']
→ □□: 1 + 2 + 3 = 6 (□ □□ 12 + 3□ □□)
```

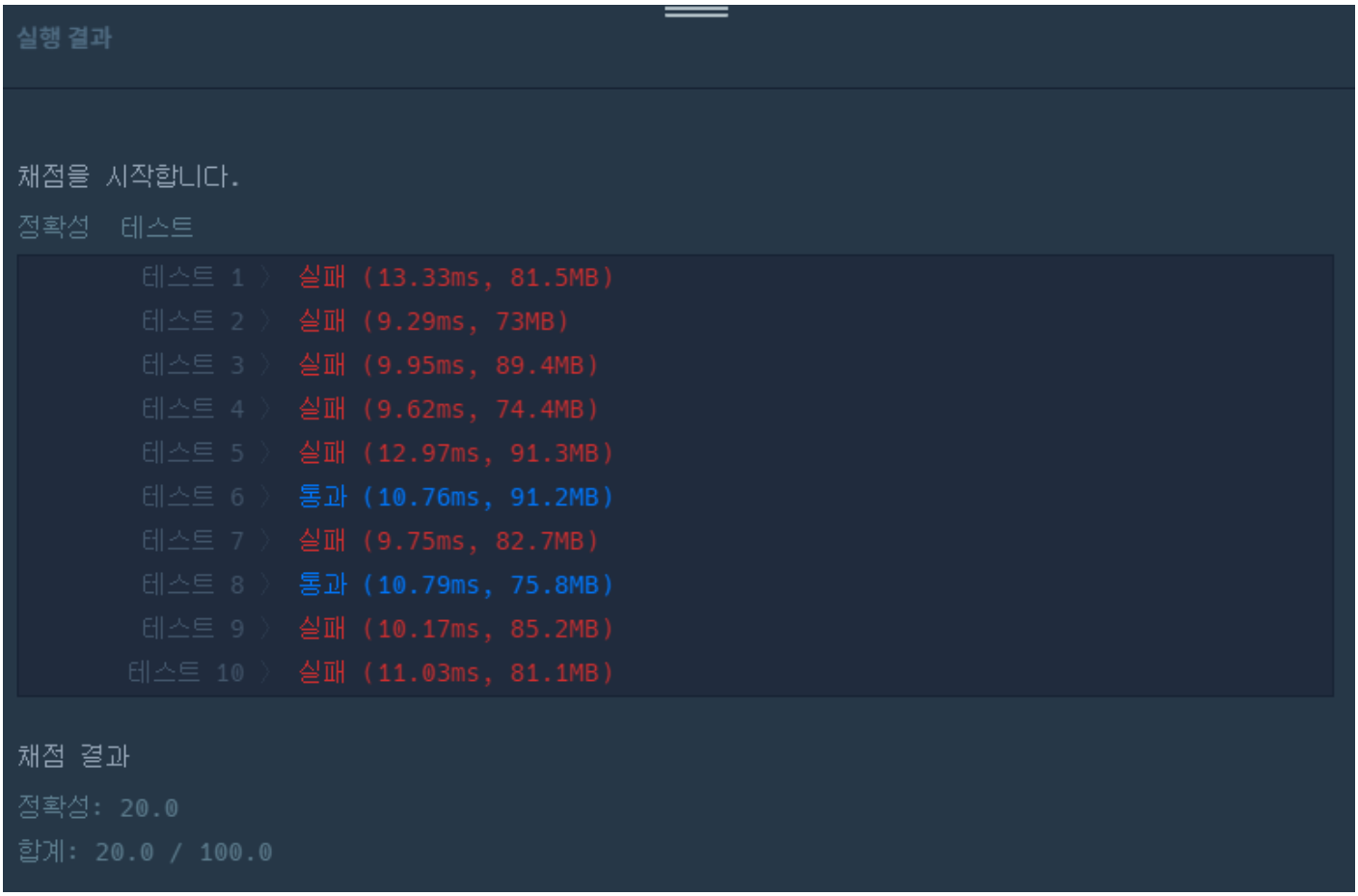
□□□□ □□□ □□ □□ "12 + 3" → 15□ □□□□ □□□ .

String num □□□ □□□ □□ , Character.isDigit() □□ c□ 0~9□□ □□□ □□□□□ num□ □□□□ □□□□ □□□ □ □□□ .

> □□ □□ (3□ □□)

```
class Solution {
    public int solution(String my_string) {
        char[] arr = my_string.toCharArray();
        int sum = 0;
        String num = "";
        for (char c : arr ) {
```

```
            if (Character.isDigit(c)) {
                num += c;
            } else {
                if (!num.isEmpty()) {
                    sum += Integer.parseInt(num);
                    num = "";
                }
            }
        }
        if (!num.isEmpty()) {
            sum += Integer.parseInt(num);
        }
        return sum;
    }
}
```



□□□ □□□ □□□ □□□ □□□ . □□□ (+, -)□ □□ □□□ □□ □□□□ □□□ □□ □□ .

1. □□□□ " "(□□) □□□□ □□□
2. □□ □□ result□ □□
3. □□□□ □□□ (+ □□ -)□ □□□ □□□ □□

4. □□□□□ □□ +□ □□□□ , -□ □□ □

□□ □□ (4□ □□)

```
class Solution {
    public int solution(String my_string) {
        String[] splited = my_string.split(" ");
        int answer = Integer.parseInt(splited[0]);

        for(int i = 1; i < splited.length; i += 2) {
            String op = splited[i];
            int num = Integer.parseInt(splited[i + 1]);

            if (op == '+')) {
                answer += num;
            } else if (op == '-') {
                answer -= num;
            }
        }
        return answer;
    }
}
```

? if(op == '+')

- □ □□□ □□□ □□□ □□ .
- op□ String □□□□ □□□□□□ '+'□ char□ □□□ □□□ □□ □□□□□ □□□□ .
- Java□□□ □□□ □□□ □□□ □ ==□ □□ □□□ . ==□ □ □□□ □□ □□ (□□)□ □□□ □□ true□□ .
- □□ □□□ □□□ .equals()□ □□ □□ .

□□□ □□

```
class Solution {
    public int solution(String my_string) {
        String[] splited = my_string.split(" ");
        int answer = Integer.parseInt(splited[0]);
```

```
        for(int i = 1; i < splited.length; i += 2) {
            String op = splited[i];
            int num = Integer.parseInt(splited[i + 1]);

            if (op.equals("+")) {
                answer += num;
            } else if (op.equals("-")) {
                answer -= num;
            }
        }
        return answer;
    }
}
```

Revision #13
Created 19 May 2025 05:34:15 by Dain
Updated 23 May 2025 04:25:10 by Dain