```python
In [2]: class Teacher:
    def __init__(self, day, lectures, curse):
        self.day = day
        self.lectures = lectures
        self.curse = curse

    def __lt__(self, other):
        return self.day < other.day

N, D = map(int, input().split())
teachers = []
total_curse = 0
for _ in range(N):
    day, lectures, curse = map(int, input().split())
    teachers.append(Teacher(day, lectures, curse))
teachers.sort()
current_day = 1
for teacher in teachers:
    while current_day < teacher.day and current_day <= D:
        current_day += 1
    if current_day > D:
        break
    lectures_remaining = min(teacher.lectures, D - current_day + 1)
    total_curse += lectures_remaining * teacher.curse
    current_day += lectures_remaining
print(total_curse)
```

```
2 3
1 2 300
2 2 100
```