Problem 1344: Angle Between Hands of a Clock

Problem Information

Difficulty: Medium
Acceptance Rate: 64.35%
Paid Only: No
Tags: Math

Problem Description

Given two numbers, `hour` and `minutes`, return _the smaller angle (in degrees) formed between the_`hour` _and the_`minute` _hand_.

Answers within `10-5` of the actual value will be accepted as correct.

Example 1:

Input: hour = 12, minutes = 30 **Output:** 165

Example 2:

Input: hour = 3, minutes = 30 **Output:** 75

Example 3:

Input: hour = 3, minutes = 15 **Output:** 7.5

Constraints:

* `1 <= hour <= 12` * `0 <= minutes <= 59`

Code Snippets

C++:

```cpp
class Solution {
public:
double angleClock(int hour, int minutes) {


}
};
```

Java:

```java
class Solution {
public double angleClock(int hour, int minutes) {


}
}
```

Python3:

```python
class Solution:
def angleClock(self, hour: int, minutes: int) -> float:
```