Author

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https://codefights.com/img/coins_new.png1000

CodeMania is a game similar to CodeFights. You have to solve programming tasks as quickly as possible. However, unlike CodeFights, CodeMania awards you with a medal, depending on the time you took to solve the task.

To get a medal, your time must be **(strictly) inferior** to the time corresponding to the medal. You can be awarded "Gold", "Silver" or "Bronze" medal, or"None" medal at all. Only one medal (the best achieved) is awarded.

You are given the time achieved for the task and the time corresponding to each medal. Your task is to return the awarded medal.

Each time is given in the format HH:MM:SS.

**Example**

* codemania\_medal("00:30:00", "00:15:00", "00:45:00", "01:15:00") = "Silver"
* codemania\_medal("01:15:00", "00:15:00", "00:45:00", "01:15:00") = "None"
* codemania\_medal("00:00:01", "00:00:10", "00:01:40", "01:00:00") = "Gold"
* codemania\_medal("00:10:01", "00:00:10", "00:01:40", "01:00:00") = "Bronze"
* **[input] string user\_time**

The time the user achieved.

* **[input] string gold**

The time corresponding to the gold medal.

* **[input] string silver**

The time corresponding to the silver medal.

* **[input] string bronze**

The time corresponding to the bronze medal.  
It is guaranteed that gold < silver < bronze.

* **[output] string**

The medal awarded, one of for options: "Gold","Silver", "Bronze" or "None".

<https://codefights.com/challenge/PMD58bgyX8ycxcb4R>

string codemania\_medal(string user\_time, string gold, string silver, string bronze)

{

TimeSpan user = new TimeSpan(int.Parse(user\_time.Split(':')[0]),

int.Parse(user\_time.Split(':')[1]),

int.Parse(user\_time.Split(':')[2]));

TimeSpan g = new TimeSpan(int.Parse(gold.Split(':')[0]),

int.Parse(gold.Split(':')[1]),

int.Parse(gold.Split(':')[2]));

TimeSpan s = new TimeSpan(int.Parse(silver.Split(':')[0]),

int.Parse(silver.Split(':')[1]),

int.Parse(silver.Split(':')[2]));

TimeSpan b = new TimeSpan(int.Parse(bronze.Split(':')[0]),

int.Parse(bronze.Split(':')[1]),

int.Parse(bronze.Split(':')[2]));

if (user < g)

{

return "Gold";

}

else if (user < s)

{

return "Silver";

}

else if (user < b)

{

return "Bronze";

}

return "None";

}