Community
College
of Philadelphia

Instructor: Michael Hackett
Department: Computer Science
Email: mhackett@ccp.edu

Race Winners (RaceWinners.java)

Create a program that prompts a user to enter the names and finish times of four competitors in a race. Based on the finish times, your program will then determine and print who won the gold, silver, and bronze medals.

Your program should reject any entered times less than or equal to zero by continuing to prompt for new input until a valid time has been entered.

Sample Input/Output

```
Please enter the name of runner #1: Adam
Please enter Adam's finish time (in minutes): 27
Please enter the name of runner #2: Beth
Please enter Beth's finish time (in minutes): -5
Invalid time entry. Try again.
Please enter Beth's finish time (in minutes): 0
Invalid time entry. Try again.
Please enter Beth's finish time (in minutes): 30
Please enter the name of runner #3: Carol
Please enter Carol's finish time (in minutes): 25
Please enter the name of runner #4: Doug
Please enter Doug's finish time (in minutes): 35

Gold Medal Winner: Carol
Silver Medal Winner: Adam
Bronze Medal Winner: Beth
```

- Your program must exactly match the example input/output above. Of course, the names, finish times, and names of the winners may vary. However, all other output must match the above example.
- Be sure to use comments to document your code. Comments show me that YOU can explain, in plain English) what your program's code is doing.
- You may use arrays, but you may **not** use sorting methods from tools like the Arrays or Collections classes. (This assignment can be completed without the use of an array). **Do not use any type of class or data structure that was not shown in the lecture slides posted in Module 0.**
- You do not need to account for ties.

Grading
See Assignment Rubric in Canvas.