In my opinion, The order of outputs in 2 and 1 are different because the concurrency issues and threads run independently. It means when we star more than one thread within a program, we don't know the result when multiple threads try to access into the same resource. In this situation, maybe 2 threads r1 and r2 try to change the same memory cache such as variable maxSpeed. Depend on what thread done first, the following thread will use the changed variable.

That the reason why we have a different result each time it runs. So I think that too hard to make sure that the question 2 will produce the order just like question 1.