

HW : 15

→ Rare condition diagram :-

Main thread.

Thread t

gen = new ^{Generate} InterruptiblePrimeNumbers(-)
t = new Thread(gen)

t.start()

Executes run() and then generates prime numbers.

t.interrupt()

Here prime

Numbers generating it must be going

to stop. but due to rare condition "prime numbers still generating after interrupt() is called."

⇒ Here if we put lock besides interrupt() then prime numbers must be stop."

⇒ So in this case "Rare condition" can occur.

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