README FILE

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TO RUN THE PROGRAM:

- Provide a single float argument in the command line(between 0 and 100 with 0 being inclusive) after the name of the executable file. This float argument is the (probability*100 or percentage) of error introduction in the message.
- Example:
  a) **Compile-** gcc 20CS01075_A2.c -o A2.out
  b) **Execute-** ./A2.out 52
  c)**Output Format-**First line shows the number of callbacks made before the correct message was transmitted without error. Second line prints "Killed" showing SIGKILL function killed the parent process successfully after termination of program.
- Output:
  2
  Killed

  IMPORTANT POINTS: (continued next page)
- Fork and pipe system call were made for creating multiple processes and inter-process communication

- srand(time(0)) is used to seed the rand() function to generate new random values everytime.
- Bit flipping occurs at atmost 2 positions.
- Assumption made- Bit flipping would never occur in checksum bits.