**Notes:**

* Code:
* echo “pid is $$”  
  while (( COUNT < 10 ))  
  do  
   sleep 10  
   (( COUNT ++ ))  
   echo $COUNT  
  done  
  exit 0
* The interrupt signal is used by CTRL + C and the suspend signal is used by CTRL + Z. To kill a command, use another terminal and use the kill command with the PID of the process. If kill on its own does not work, use flag -9 with it (kill -9 PID)
* The trap command is used to catch a signal and then execute some commands depending on the use.
* To show all the signals, then use man 7 signal
* New Code:  
  trap “echo Exit command is detected” 0  
  echo “Hello World”  
  exit 0
* Previous code modifications:  
  trap “echo Exit signal is detected” SIGINT #or use value 2  
  echo “pid is $$”  
  while (( COUNT < 10 ))  
  do  
   sleep 10  
   (( COUNT ++ ))  
   echo $COUNT  
  done  
  exit 0
* SIGKILL and SIGSTOP signals cannot be trapped/caught.
* Create another file called text.txt by using touch. By detecting a signal, we’ll try to remove the file.
* file=/home/test/Desktop/file.txt  
  trap “rm -f $file” 0 2 15 #15 is a termination signal  
  echo “pid is $$”  
  while (( COUNT < 10 ))  
  do  
   sleep 10  
   (( COUNT ++ ))  
   echo $COUNT  
  done  
  exit 0
* To use the 15 signal, use another terminal and do kill -15 PID
* When you use the command trap while the script is running, you’ll see all of the signals that can be currently trapped.
* To remove a trap from the command line, use trap – 0 2 15