**Notes:**

* Logical and is used in if else statements
* Let’s say we have a student and will want to check their age. There are two ways to use logical and. Either use &&:  
  age=25  
  if [ “$age” -gt 18 ] && [ “$age” -lt 30 ]  
  then   
   echo “valid age”  
  else  
   echo “not valid age”  
  fi
* Or use the flag -a  
  if [ “$age” -gt 18 -a “$age” -lt 30 ]
* One other alternate that is not used too much is double && operators inside the brackets  
  if [[ “$age” -gt 18 && “$age” -lt 30 ]]