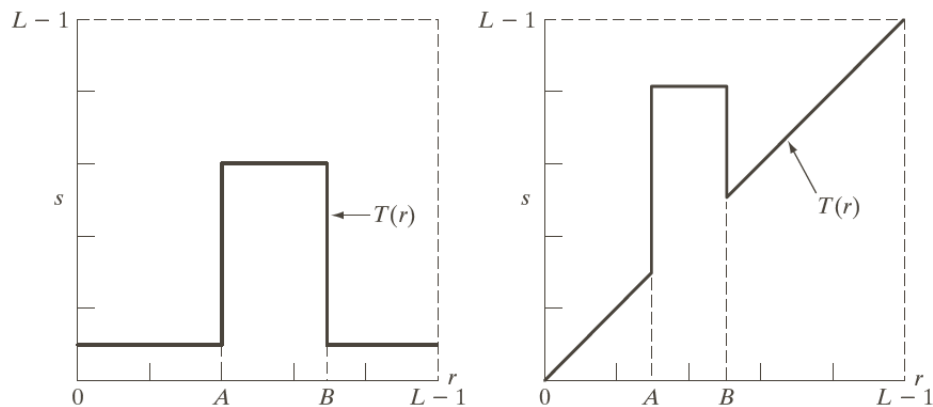1) State what each of the functions below refers to, considering the output image that will be obtained after performing the transformation.
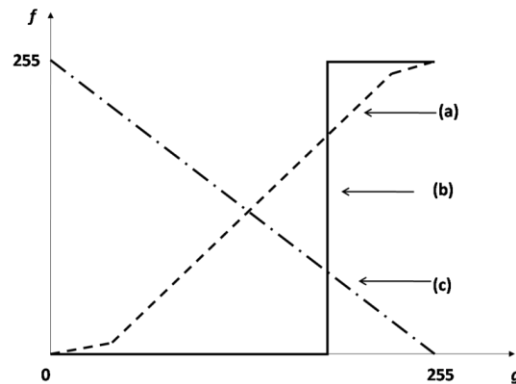
2) Show how the neutral transfer function shown below can be modified to
      i.   Increase contrast
      ii. Decrease the brightness
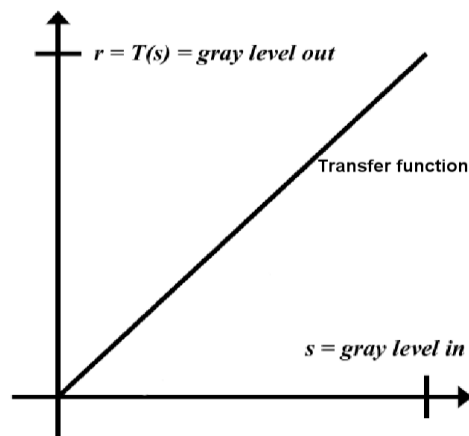
3) i) What do you call the specific transformation represented by the two functions given below?

ii) Explain the result obtained by applying the two functions above on a given grayscale image.