15. Design of 3 stage pipeline for AND, OR, NAND of two numbers using any high level language. PROGRAM:

a=int(input("Enter number 1:"))

b=int(input("Enter number 2:"))

c=4

rand=a&b

ror=a|b rnand=~rand

print("The cycle value is",c)

ins=int(input("Enter no of instructions:"))

print("The Performance Measure:",ins/c)

print("result and=",rand)

print("result or=",ror)

print("result nand=",rnand)

