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

Program:

a=int(input("Enter number1:"))

b=int(input("Enter number2:"))

c=4

rand=a&b

ror=a|b

rnand=~rand

print("The cycle value is:",c)

ins=int(input("Enter number of instructions:"))

print("The performance measrue is:,ins/c")

print("result and=",rand)

print("result or =",ror)

print("result nand=",rand)

Output:

