4 stage pipelining

**Program:**

a=int(input("enter num 1:"))

b=int(input("enter num 2:"))

c=3

f=0

ch=int(input("1.add,2.sub,3.mul,4.div:"))

if ch==1:

print("performing addition operation")

res=a+b

elif ch==2:

print("performing subtraction operation")

res=a-b

elif ch==3:

print("performing multiplication operation")

res=a\*b

elif ch==4:

print("performing division operation:")

if b==0:

print("wrong denominator given:")

print("wrong input")

f=1

else:

res=a/b

else:

print("wrong input")

f=1

if f==0:

print("cycle time is ",c)

ins=int(input("enter no of instrucions:"))

print("performance measure :",ins/c)

print("res=",res)

program output:

