Program 16 :Design of 4 stage pipeline for multiplication and division of two numbers using any high level language.

PROGRAM :

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

b=int(input("Enter number 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("Denominator can't be zero")

print("Wrong input")

f=1

else:

res=a/b

else:

print("Wrong input")

f=1

if f==0:

print("The cycle value is",c)

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

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

