

```

a=int(input("Enter number1:"))
b=int(input("Enter number2:"))
c=4
f=0
ch=int(input("1.Add, 2.Sub, 3.Mul, 4.Div :"))
if ch==1:
    res=a+b
elif ch==2:
    res=a-b
elif ch==3:
    res=a*b
elif ch==4:
    if b==0:
        print("Dominator 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)
    print("res=",res)

```

```

= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/2 stage pipeli
ning.py
Enter number1:3
Enter number2:4
1.Add, 2.Sub, 3.Mul, 4.Div :1
The cycle value is 4
Enter no of instructions:2
The Performance Measure: 0.5
res= 7

>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/2 stage pipeli
ning.py
Enter number1:5
Enter number2:2
1.Add, 2.Sub, 3.Mul, 4.Div :2
The cycle value is 4
Enter no of instructions:8
The Performance Measure: 2.0
res= 3

>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/2 stage pipeli
ning.py
Enter number1:3
Enter number2:4
1.Add, 2.Sub, 3.Mul, 4.Div :3
The cycle value is 4
Enter no of instructions:5
The Performance Measure: 1.25
res= 12

>>>
= RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/2 stage pipeli
ning.py
Enter number1:5
Enter number2:2
1.Add, 2.Sub, 3.Mul, 4.Div :4
The cycle value is 4
Enter no of instructions:8
The Performance Measure: 2.0
res= 2.5

>>>

```