```
2 stage pipelining.py - C:/Users/rojit/AppData/Local/Programs/Python/Python311/2 stage pipelining.py (3.11.1)
File Edit Format Run Options Window Help
                                                     ≥ IDLE Shell 3.11.1
                                                                                                                                            ×
a=int(input("Enter number1:"))
b=int(input("Enter number2:"))
                                                     File Edit Shell Debug Options Window Help
c=4
                                                         = RESTART: C:/Users/rojit/AppData/Local/Programs/Pvthon/Pvthon311/2 stage pipeli
f=0
                                                         ning.py
ch=int(input("1.Add, 2.Sub, 3.Mul, 4.Div:"))
                                                         Enter number1:3
if ch==1:
                                                         Enter number2:4
    res=a+b
                                                         1.Add, 2.Sub, 3.Mul, 4.Div :1
elif ch==2:
                                                        The cycle value is 4
    res=a-b
                                                         Enter no of instructions: 2
elif ch==3:
                                                         The Performance Measure: 0.5
    res=a*b
                                                         res= 7
elif ch==4:
                                                    >>>
    if b==0:
                                                        = RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/2 stage pipeli
        print ("Dominator can't be zero")
                                                         ning.py
        print ("Wrong input")
                                                         Enter number1:5
        f=1
                                                         Enter number2:2
    else:
                                                        1.Add, 2.Sub, 3.Mul, 4.Div :2
        res=a/b
                                                        The cycle value is 4
else:
                                                         Enter no of instructions:8
    peint ("Wrong input")
                                                         The Performance Measure: 2.0
    f=1
                                                         res= 3
if f == 0:
                                                    >>>
    print("The cycle value is",c)
                                                         = RESTART: C:/Users/rojit/AppData/Local/Programs/Pvthon/Pvthon311/2 stage pipeli
    ins=int(input("Enter no of instructions:"))
                                                         ning.py
    print ("The Performance Measure: ", ins/c)
                                                         Enter number1:3
    print("res=", res)
                                                         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
                                                    >>>
                                                                                                                                      Ln: 39 Col: 0
```