```
File Edit Format Run Options Window Help
a=int(input("Enter number1:"))
                                                       IDLE Shell 3.11.1
                                                                                                                                           ×
                                                                                                                                      п
b=int(input("Enter number2:"))
c=3
                                                       File Edit Shell Debug Options Window Help
f=0
                                                           Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit ( *
ch=int(input("1.Add, 2.Sub, 3.Mul, 4.Div :"))
                                                          AMD64)1 on win32
if ch==1:
                                                          Type "help", "copyright", "credits" or "license()" for more information.
   print ("Performing Addition operation:")
                                                      >>>
   res=a+b
                                                          = RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/4 stage pipeli
elif ch==2:
                                                          ne.pv
   print("Performing Subtraction operation:")
                                                          Enter number1:6
   res=a-b
                                                          Enter number2:2
elif ch==3:
                                                          1.Add, 2.Sub, 3.Mul, 4.Div :1
   print("Performing Multiplication operation:")
                                                          Performing Addition operation:
   res=a*b
                                                          The cycle value is 3
lif ch==4:
                                                          Enter no of instructions:10
   print ("Performing Division operation:")
                                                          The Performance Measure: 3,33333333333333333
   if b==0:
                                                      >>>
       print ("Denominator can't be zero")
                                                          = RESTART: C:/Users/rojit/AppData/Local/Programs/Python/Python311/4 stage pipeli
      print ("Wrong input")
                                                          ne.py
      f=1
                                                          Enter number1:6
  else.
                                                          Enter number2:2
      res=a/h
                                                          1.Add, 2.Sub, 3.Mul, 4.Div: 3
                                                          Performing Multiplication operation:
  print ("Wrong input")
                                                          The cycle value is 3
  f=1
                                                          Enter no of instructions:5
f f==0:
                                                          The Performance Measure: 1.66666666666666667
  print ("The cycle value is",c)
                                                     >>>
  ins=int(input("Enter no of instructions:"))
  print ("The Performance Measure: ", ins/c)
```

4 stage pipeline.py - C:/Users/rojit/AppData/Local/Programs/Python/Python311/4 stage pipeline.py (3.11.1)