

```
; pipeline prog#2  
; data hazard  
.data:  
0x400: 4  
0x404: 9
```

0x408:6

.text:

800:ADDI R16,R0,  
#1024

804:ADDI R8,R0,#2

808:ADDI R10,R0,#2

80C : LOAD R1 , @0 ( R16 )  
810 : LOAD R2 , @4 ( R16 )  
814 : ADD R2 , R2 , R1  
818 : MUL R9 , R8 , R10  
81C : LOAD R3 , @8 ( R16 )  
820 : STOR R9 , @8 ( R16 )

824: STOR R2, @4(R16)