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; pipeline prog#1
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.data:
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0x400: 4
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```
0x404: 9
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```
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 : MUL R9 , R8 , R10  
818 : ADD R2 , R2 , R1  
81C : LOAD R3 , @8 ( R16 )  
820 : STOR R9 , @8 ( R16 )  
824 : STOR R2 , @4 ( R16 )