

Enter the set of intermediate code (terminated by exit):

```
b=a/c
d=f+a
a=d-c
f=d*a
g=h+a
c=p+4
exit
```

target code generation

```
Mov a,R0
DIV c,R0
Mov R0,b
Mov f,R1
ADD a,R1
Mov R1,d
Mov d,R2
SUB c,R2
Mov R2,a
Mov d,R3
MUL a,R3
Mov R3,f
Mov h,R4
ADD a,R4
Mov R4,g
Mov p,R5
ADD 4,R5
Mov R5,c
```

Process exited after 132.1 seconds with return value 0
Press any key to continue . . .

Enter the set of intermediate code (terminated by exit):

```
f=5*g
t=G+k
b=f+t
c=g-k
exit
```

target code generation

```
Mov 5,R0
MUL g,R0
Mov R0,f
Mov G,R1
ADD k,R1
Mov R1,t
Mov f,R2
ADD t,R2
Mov R2,b
Mov g,R3
SUB k,R3
Mov R3,c
```

Process exited after 79.27 seconds with return value 0

Press any key to continue . . .

Enter the set of intermediate code (terminated by exit):

```
a=i+k
j=Z+1
g=k*i
o=t-R
exit
```

target code generation

```
Mov i,R0
ADD k,R0
Mov R0,a
Mov Z,R1
ADD 1,R1
Mov R1,j
Mov k,R2
MUL i,R2
Mov R2,g
Mov t,R3
SUB R,R3
Mov R3,o
```

Process exited after 42.03 seconds with return value 0

Press any key to continue . . . |

Enter the set of intermediate code (terminated by exit):

```
b=a-d
c=a+k
a=a/b
exit
```

target code generation

```
Mov a,R0
SUB d,R0
Mov R0,b
Mov a,R1
ADD k,R1
Mov R1,c
Mov a,R2
DIV b,R2
Mov R2,a
```

Process exited after 40.8 seconds with return value 0

Press any key to continue . . .

Enter the set of intermediate code (terminated by exit):

```
a=b/f
c=d-b
f=b+c
e=j-b
b=e+f
d=f/a
h=i-k
j=e+b
k=h/c
exit
```

target code generation

```
Mov b,R0
DIV f,R0
Mov R0,a
Mov d,R1
SUB b,R1
Mov R1,c
Mov b,R2
ADD c,R2
Mov R2,f
Mov j,R3
SUB b,R3
Mov R3,e
Mov e,R4
ADD f,R4
Mov R4,b
Mov f,R5
DIV a,R5
Mov R5,d
Mov i,R6
SUB k,R6
Mov R6,h
Mov e,R7
ADD b,R7
Mov R7,j
Mov h,R8
DIV c,R8
Mov R8,k
```

Process exited after 111.3 seconds with return value 0
Press any key to continue . . .

```
a=c-b  
d=a*b  
e=g*a  
f=a-d  
b=c/f  
exit
```

target code generation

```
Mov a,R0  
ADD d,R0  
Mov R0,c  
Mov c,R1  
SUB b,R1  
Mov R1,a  
Mov a,R2  
MUL b,R2  
Mov R2,d  
Mov g,R3  
MUL a,R3  
Mov R3,e  
Mov a,R4  
SUB d,R4  
Mov R4,f  
Mov c,R5  
DIV f,R5  
Mov R5,b
```

Process exited after 135 seconds with return value 0
Press any key to continue . . . |

Enter the set of intermediate code (terminated by exit):

```
a=a*d
b=c/a
d=a-c
e=a+b+c
exit
```

target code generation

```
Mov a,R0
MUL d,R0
Mov R0,a
Mov c,R1
DIV a,R1
Mov R1,b
Mov a,R2
SUB c,R2
Mov R2,d
Mov a,R3
ADD b,R3
Mov R3,e
```

Process exited after 50.11 seconds with return value 0

Press any key to continue . . . |

Enter the set of intermediate code (terminated by exit):

```
a=a*b
b=a-c
d=b+c
exit
```

target code generation

```
Mov a,R0
MUL b,R0
Mov R0,a
Mov a,R1
SUB c,R1
Mov R1,b
Mov b,R2
ADD c,R2
Mov R2,d
```

Process exited after 32.28 seconds with return value 0

Press any key to continue . . .