

Ruben Darío A O

```
Int main () {  
int p =3 , h[300] , b[40];  
h[10]=3;  
b[4]=-1;  
h[20]= b[4] + h[10]+p;  
return 0 ;  
}
```

```
OR %g0 , 3 , %l1  
OR %g0 , 0 , %l2  
OR %g0 , 0 , %l3  
OR %g0 , 3 , %l4  
ST %l4, %l2 , 16  
OR %g0, -1 , %l4  
ST %l4 , %l3 , 8  
ADD %l3, %l2, %l2  
ADD %l2, %l1 , %l2  
ADD %g0, %o0
```

```
10 | 10001 | 000010 | 00000 | 1 | 00000000000011  
10 | 10010 | 000010 | 00000 | 1 | 00000000000000  
10 | 10011 | 000010 | 00000 | 1 | 00000000000000  
10 | 10100 | 000010 | 00000 | 1 | 00000000000011  
10 | 10000 | 000100 | 10010 | 0 | 00000000 | 10100  
10 | 10100 | 000010 | 00000 | 1 | 00000000000001  
10 | 01000 | 000100 | 10100 | 0 | 00000000 | 10011  
10 | 10010 | 000000 | 10011 | 0 | 00000000 | 10010  
10 | 10010 | 000000 | 10010 | 0 | 00000000 | 10001  
10 | 00000 | 000000 | 00000 | 0 | 00000000 | 00000
```

```
A2102003  
A4102000  
A6102000  
A8102003  
A0248014  
A8102001  
90250013  
A404C012  
A4048011  
80000000
```