

NAME

log – natural logarithm

SYNOPSIS

```
jsr      r5,log  
double log(x)  
double x;
```

DESCRIPTION

The natural logarithm of fr0 is returned in fr0. From C, the natural logarithm of **x** is returned.

DIAGNOSTICS

The error bit (c-bit) is set if the input argument is less than or equal to zero and the result is a negative number very large in magnitude. From C, there is no error indication.