

NAME

exp – exponential function

SYNOPSIS

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

DESCRIPTION

The exponential of fr0 is returned in fr0. From C, the exponential of x is returned.

DIAGNOSTICS

If the result is not representable, the c-bit is set and the largest positive number is returned. From C, no diagnostic is available.

Zero is returned if the result would underflow.

BUGS