

主程式:

```
PROGRAM artb
IMPLICIT NONE
REAL :: a = 8.0, B=3.2
REAL :: xROOTy

WRITE(*,*) xROOTy(a,b)

END PROGRAM artb
```

函式:

```
FUNCTION xROOTy(x,y)
IMPLICIT NONE

! DECLARE SECTION
REAL :: xROOTy
REAL, intent(in) :: x,y

! executing section

xROOTy = x**y

return
END FUNCTION xROOTy
```