1. Do problem 2 on page 333 of the text. Make sure you comb through the list of functions in Table 6.1 before starting this assignment. You may find something there to help.

```fortran
real function round(x,i)
implicit none
real x
integer i
round = anint(x*10.**i)/10.**i
return
end
```

2. Do problem 2 on page 409 of the text.

```fortran
subroutine switch(i,j)
implicit none
integer i, j, k
k = i
i = j
j = k
return
end
```
3. Do problem 3 on page 410 of the text. The subroutine has four arguments. The one representing centimeters is set prior to the calling of the subroutine. The subroutine sets the values of the three variables/arguments corresponding to yards, feet, and inches.

```fortran
subroutine convrt(cent,yards,feet,inch)
implicit none
real cent, yard, feet, inch
inch = cent * 0.3937
feet = inch / 12.0
yard = feet / 3.0
return
end
```