INVALID PARAMETERS

Now let's add tests for the type of class input.

```r
pv <- function(FV, r, n = 5) {

  if(!is.atomic(FV)) {
    stop('FV must be an atomic vector')
  }

  if(!is.numeric(FV) | !is.numeric(r) | !is.numeric(n)){
    stop('This function only works for numeric inputs!\n',
         'You have provided objects of the following classes:\n',
         'FV: ', class(FV), '\n',
         'r: ', class(r), '\n',
         'n: ', class(n))
  }

  present_value <- FV / (1 + r)^n
  round(present_value, 2)
}
```

Now we test for

- data type
- argument class

and both of these will provide warnings if violated

INVALID PARAMETERS

Now let's add tests for the type of class input.

```
pv(FV = "1000", .08, n = 5)
Error in pv(FV = "1000", 0.08, n = 5) :
   This function only works for numeric inputs!
You have provided objects of the following classes:
FV: character
r: numeric
n: numeric
```

Now we test for

- data type

- argument class

and both of these will provide warnings if violated