```fortran
 1  module kind_types
 2
 3     implicit NONE
 4
 5     ! kind parameters
 6     integer, parameter          :: sint = selected_int_kind   (  8 )
 7     integer, parameter          :: lint = selected_int_kind   ( 16 )
 8     integer, parameter          :: sp   = selected_real_kind  (  6,  37 )
 9     integer, parameter          :: dp   = selected_real_kind  ( 15, 307 )
10     integer, parameter          :: wp   = dp  ! set working precision to
11
12  end module kind_types
```