



```
program hello_world
  use psb_base_mod
  implicit none
  type(psb_ctxt_type) :: ctxt
  integer(psb_ipk_) :: iam, np
  character(len=20) :: name
  call psb_init(ctxt)
  call psb_info(ctxt, iam, np)
  name='helloworld'
  if (iam == psb_root_) then
    write(*,*) 'Welcome to PSBLAS version: ', psb_version_string_
    write(*,*) 'This is the ', trim(name), ' sample program'
    write(*,*) 'I am process ', iam, ' of ', np
  else
    write(*,*) 'I am process ', iam, ' of ', np
  end if
  call psb_exit(ctxt)
  stop
end program hello_world
```

Writing
helloworld.f90: