program main

REAL(Kind = 8):: START1,FINISH1

INTEGER(Kind = 8):: START2, FINISH2

INTEGER(Kind = 8):: i, j

print\*, "========= test time start =========="

CALL CPU\_TIME(START1)

do i = 1,100000

do j = 1,100000

end do

end do

CALL CPU\_TIME(FINISH1)

WRITE(\* , \*) "CPU\_TIME运算时间为(s):", FINISH1-START1

! CPU\_TIME cannot get the time of sleep()

CALL SYSTEM\_CLOCK(START2)

do i = 1,100000

do j = 1,100000

end do

end do

CALL SYSTEM\_CLOCK(FINISH2)

WRITE(\* , \*) "SYSTEM\_CLOCK运算时间为(ms)",(FINISH2-START2)

print\*, "========= test time end =========="

end