A-7.R

acer

2020-05-29

#Write an R programme to check whether a given year is LEAP YEAR or NOT  
#yr=numeric(readline(prompt="Enter year"))  
yr=2015  
typeof(yr)

## [1] "double"

if(yr%%4==0)  
{  
 if(yr%%100==0)  
 {  
 if(yr%%400==0)  
 {  
 print("Leap year")  
 }  
 else  
 {  
 print("Not leap year")  
 }  
 }  
 else  
 {  
 print("Leap year")  
 }  
}else  
{  
 print("Leap year")  
}

## [1] "Leap year"

#Write an R programme to check whether the given number is LESS THAN 25. If it is display the message “R is Great” otherwise “I should improve in R”  
#n=readline(prompt = "Enter no:")  
n=15  
if(n<25)  
{  
 print("R is great")  
}else{  
 print("I should improve in R")  
}

## [1] "R is great"

#Write an R programme to calculate the sum of marks of three subjects. If the total is GREATER THAN OR EQUAL to 40, display “Congratulations, Your Result is PASS” otherwise display “ SORRY BETTER LUCK NEXT TIME”  
s1=10  
s2=20  
s3=30  
total=sum(s1,s2,s3)  
if(total>=40)  
{  
 print("Congratulations Your result is pass")  
}else{  
 print("Sorry Better Luck next time")  
}

## [1] "Congratulations Your result is pass"