Function: cmmdc(a,b):

while (b !<- 0):

r <- a % b

a <- b

b <- r

return a

Function: simplificare(numarator1, numitor1):

a <- numarator1

b <- numitor1

div <- cmmdc(numarator1,numitor1)

return numarator1//div, numitor1//div

Function: adunare(numarator1, numitor1, numarator2, numitor2):

numarator1 <- (numitor2\*numarator1) + (numarator2 \* numitor1)

numitor1 <- numitor1 \* numitor2

return simplificare(numarator1, numitor1)

Function: scadere(numarator1, numitor1, numarator2, numitor2):

numarator1 <- (numitor2\*numarator1) - (numarator2 \* numitor1)

numitor1 <- numitor1 \* numitor2

return simplificare(numarator1, numitor1)

Function: inmultire(numarator1, numitor1, numarator2, numitor2):

if numarator1 = 0 or numarator2 = 0:

return 0

numarator1 <- numarator1 \* numarator2

numitor1 <- numitor1 \* numitor2

return simplificare(numarator1, numitor1)

Function: impartire(numarator1, numitor1, numarator2, numitor2):

if numarator1 =0 or numarator2= 0:

return 0

rez\_numarator <- numarator1 \* numitor2

rez\_numitor <- numitor1 \* numarator2

return simplificare(rez\_numarator, rez\_numitor)

Scrie"Numaratorul primei fractii: ", end <- ''

numarator1 <- int(input())

Scrie"Numitorul primei fractii: ", end <- ''

numitor1 <- int(input())

Scrie"Numaratorul celei de-a doua fractii: ", end <- '')

numarator2 <- int(input())

Scrie"Numitorul celei de-a doua fractii: ", end <- ''

numitor2 <- int(input())

Scrie"Subpunctul b: "

Scrie"Adunarea fractiilor este: ", adunare(numarator1, numitor1, numarator2,numitor2)

Scrie"Scadera fractiilor este: ", scadere(numarator1, numitor1, numarator2,numitor2)

Scrie"Inmultirea fractiilor este: ", inmultire(numarator1, numitor1, numarator2,numitor2)

Scrie "Impartirea fractiilor este: ", impartire(numarator1, numitor1, numarator2,numitor2)