Define a function **int canPlaceBox(char boxOne, char boxTwo)**that accepts two parameters, **BoxOne** and **BoxTwo**. This function will return **1,**if the boxes are placed in certain combinations, otherwise it will return **-1**. You've specified that the valid combinations are:

**BoxTwo** = ‘B’ and **BoxOne** = ‘R’

**BoxTwo** = ‘G’ and **BoxOne** = ‘R’

**BoxTwo** = ‘G’ and **BoxOne** = ‘B’

*Don't use logical operators in function definitions Use if-else.*

Solution :

**int canPlaceBox(char box1, char box2) {**

**if (box2 == 'B') {**

**if (box1 == 'R') {**

**return 1;**

**} else {**

**return -1;**

**}**

**} else if (box2 == 'G') {**

**if (box1 == 'R') {**

**return 1;**

**} else if (box1 == 'B') {**

**return 1;**

**} else {**

**return -1;**

**}**

**} else {**

**return -1;**

**}**

**}**