

```

print("\n")
print("\tGame Start\nNow the task is to move all of them to right side of the river")
print("rules:\n1. The boat can carry at most two people\n2. If cannibals num greater than missionaries then missionaries would be eaten\n3. The boat cannot cross the river by itself with no people on board")
lM = 3
lC = 3
rM = 0
rC = 0
userM = 0
userC = 0
k = 0
print("\nM M C C C |    --- | \n")
try:
    while(True):
        while(True):
            print("Left side -> right side river travel")
            uM = user input for number of missionaries for left to right travel
            uC = user input for number of cannibals for left to right travel
            uM = int(input("Enter number of Missionaries travel => "))
            uC = int(input("Enter number of Cannibals travel => "))

            if((uM==0) and (uC==0)):
                print("Empty travel not possible")
                print("Re-enter : ")
            elif(((uM+uC) <= 2) and ((lM-uM)>=0) and ((lC-uC)>=0)):
                break
            else:
                print("Wrong input re-enter : ")
        lM = (lM-uM)
        lC = (lC-uC)
        rM += uM
        rC += uC

        print("\n")
        for i in range(0,lM):
            print("M ",end="")
        for i in range(0,lC):
            print("C ",end="")
        print("| --> | ",end="")
        for i in range(0,rM):
            print("M ",end="")
        for i in range(0,rC):
            print("C ",end="")
        print("\n")

```

"IDLE Shell 3.10.7"

File Edit Shell Debug Options Window Help

Game Start

Now the task is to move all of them to right side of the river

rules:

1. The boat can carry at most two people
2. If cannibals num greater than missionaries then the cannibals would eat the missionaries
3. The boat cannot cross the river by itself with no people on board

M M C C C | --- |

Left side -> right side river travel

Enter number of Missionaries travel => 3

Enter number of Cannibals travel => 4

Wrong input re-enter :

Left side -> right side river travel

Enter number of Missionaries travel => 6

Enter number of Cannibals travel => 5

Wrong input re-enter :

Left side -> right side river travel

Enter number of Missionaries travel => 4

Enter number of Cannibals travel => 3

Wrong input re-enter :

Left side -> right side river travel

Enter number of Missionaries travel => 2

Enter number of Cannibals travel => 1

Wrong input re-enter :

Left side -> right side river travel

Enter number of Missionaries travel => 2

Enter number of Cannibals travel => 1

Wrong input re-enter :

Left side -> right side river travel

Enter number of Missionaries travel => 1

Enter number of Cannibals travel => 0

M M C C C | --> | M

Cannibals eat missionaries:

You lost the game