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import random


#Task1-Number check in Range--Start
start=0
end=100
def check_num_inRange(num):
    if num < 0:
        return "Error in Check range:Given number is a negitive."
    if num in range(start,end):
        return  True
    else:
        return False

def setRange(srt,ed):
    global start,end
    start=srt
    end=ed

#Main metho Taks1
def executeRangeCheck():
    instr= input("IsCunstom Range Need?(y/n):")
    if instr == 'y':
        temp=input("Enter range in (start,end):")
        setRange(eval(temp.split(",")[0]),eval(temp.split(",")[1]))
    iNnum=int(input("key in number to check in num in range:"))
    print("is Number in Range(",start,",",end,")?:",check_num_inRange(iNnum))
#Task1-End
#-----------------------------------------------
#Task2
def reduceCards():
    x=int(input("Please enter Number of Cards you have:"))
    print("You can reduce as half ",x//2," Cards..!")

#Task2-End

#Task3-start
def getRandom():
    start=int(input("Enter starting number for range of random :"))
    if start < 0:
        print("Error:Please enter the Positive Number")
    end = start+10
    print('A'*random.randint(start,end))
#Task3-end
#Task4-start
def caluclateBilling(hrs,cost):

    if hrs==0:
         hrs=1
         print("Minimum hrs considering for billing as start&End hrs are same")
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    print("Blilling for {} hr * {}".format(hrs,cost))
    return hrs*cost

def validateInput(strthr,endhr):
    flag = True
    if strthr > 23 or endhr > 23:
        print("Please enter the  time in range 00To23:59 hrs")
        flag=False
    if endhr == 0:
        print("End hrs should not be 0:00 hrs..")
        flag=False
    if endhr < strthr :
        print("Starting hrs should not be Greater than End hrs..")
        flag=False

    return flag

def billingService():
    strthr =int(input("Enter Starting hr:"))
    endhr=int(input("Enter End hr:"))
    billinghrs=0
    cost=5.50
    billAmount=0
    if validateInput(strthr,endhr):
        billAmount= caluclateBilling(endhr-strthr,cost)
    return  billAmount
#Task4-END


#Task5

def probabilitiesofDiesDueal(runTimes):

    count=0

    for i in range(1,runTimes):
        rnum1 = random.randint(1, 6)
        rnum2 =random.randint(1, 6)
        if rnum1==rnum2 :
           count=count+1
    print("probability of rolling doubles with two dice is {one} and {two}% in
rolling of {three}
times".format(one=count,two=(count/runTimes)*100,three=runTimes))

#Task5 end
#main
def TestCase():
    #reduceCards()
    #getRandom()
    #print(billingService(),"$")
```

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    probabilitiesofDiesDueal(10000)
TestCase()
```