

```
def check_range(num,low,high):  
    if num in range(low,high+1):  
        print(num, "is in the given range")  
    else:  
        print (num, "is not in the given 4range")  
check_range(int(input("Enter the number  ")),int(input("Enter lower limit  ")),int(input(
```

```
Enter the number 100  
Enter lower limit 1  
Enter upper limit 100  
100 is in the given range
```

```
import random
val = int(input("Enter a number "))
random_number = random.randrange(val, val+10)
print("Random number is ", random_number)
while int(random_number) >= 1:
    random_number = int(random_number) - 1
    print("A", " ", random_number+1, " ", "time")
```

```
↳ Enter a number 52
Random number is 57
A 57 time
A 56 time
A 55 time
A 54 time
A 53 time
A 52 time
A 51 time
A 50 time
A 49 time
A 48 time
A 47 time
A 46 time
A 45 time
A 44 time
A 43 time
A 42 time
A 41 time
A 40 time
A 39 time
A 38 time
A 37 time
A 36 time
A 35 time
A 34 time
A 33 time
A 32 time
A 31 time
A 30 time
A 29 time
A 28 time
A 27 time
A 26 time
A 25 time
A 24 time
A 23 time
A 22 time
A 21 time
A 20 time
A 19 time
A 18 time
A 17 time
A 16 time
A 15 time
A 14 time
A 13 time
A 12 time
A 11 time
A 10 time
```

```
A 9 time
A 8 time
A 7 time
A 6 time
A 5 time
A 4 time
A 3 time
A 2 time
```



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```
checkin = int(input("Enter check in time "))
checkout = int(input("Enter check out time "))
Bill = 5.5
if(checkin<=12 and (checkout>12 and checkout<=24)):
    if(checkout-checkin == 0):
        totalbill = Bill
        print("Total bill ", "$",totalbill)
    else:
        totalbill = 5.5 * (checkout-checkin)
        print("Total ", (checkout-checkin)," hours")
        print("Total bill ", "$",totalbill)
else:
    print("The starting hour should be before midnight and the ending time should be after m
```

```
Enter check in time 0
Enter check out time 15
Total 15 hours
Total bill $ 82.5
```

```
import random
val = 10000
roles = val
count = 0
while val >= 1:
    dice1 = random.randrange(1,6)
    dice2 = random.randrange(1,6)
    val = val - 1
    if(dice1 == dice2):
        #print("Dice1 is ",dice1," and Dice2 is ",dice2)
        count = count + 1
print("Percentage of rolls that are doubles", (count/roles)*100)
```

Percentage of rolls that are doubles 20.5

```
input = int(input("Enter number of cards with you "))  
cardsleft = input - int(input/2)  
print("Number of cards left with you ",cardsleft)
```

```
Enter number of cards with you 0  
Number of cards left with you 0
```