In [14]:
```
def test_range_check(n):
    if n in range(1,101):
        print("%s is in the range"%str(n))
    else :
        print("%s is in outside the given range"%str(n))
```

In [15]:
```
test_range_check(104)
```

```
104 is in outside the given range
```

In [6]:
```
num_cards = eval(input('How many cards do you have? '))
print('After reducing, you now have:', num_cards // 2)
```

```
How many cards do you have? 5
After reducing, you now have: 2
```

In [16]:
```
from random import randint
num = eval(input('Enter a Positive integer: '))
num_times = randint(num, num+10)
for i in range(num_times):
    print('A', end='')
print()
```

```
Enter a Positive integer: 20
AAAAAAAAAAAAAAAAAAA
```

In [25]:
```
start = eval(input('Enter starting hour (0-23): '))
end = eval(input('Enter ending hour (0-23): '))
if end >= start:
    print('Total: ', (end-start)*5.50)
else:
    print('Total: ', (24-start + end)*5.50)
```

```
Enter starting hour (0-23): 12
Enter ending hour (0-23): 2
Total:  77.0
```

In [21]:
```
from random import randint

count = 0
for i in range(1000):
    r1 = randint(1, 6)
    r2 = randint(1, 6)
    if r1 == r2:
        count +=1
print('Percentage of doubles:', 100*count/10000)
```

```
Percentage of doubles: 1.57
```