

#In this program we want to simulate rolling a die 20 times. We want to see how many times a six is rolled.

```
import random # imports a module called random

frequency6 = 0 #initializes frequency of sixes to 0

for roll in range (1, 21): # simulates 20 die rolls
    face = random.randrange (1,7) # will randomly pick a number
    from 1-6 and assign it to face

    if face == 6:
        frequency6+=1

print "The number of sixes: %d" % (frequency6)
```

```
The number of sixes: 1
The number of sixes: 4
The number of sixes: 2
The number of sixes: 4
```