

In [29]:

```
import random

num = [1,2,3,4,5,6,7,8,9,10]
rnd = random.choice(num)

for i in range(3):
    n = int(input('Please enter a number between 1 - 10: '))
    if n == rnd:
        print('You win')
        break
    else:
        if i == 2:
            print('You lose, the number was',rnd)
        else:
            print('Try again, you have',3-(i+1),'chances left')
```

```
Please enter a number between 1 - 10: 3
Try again, you have 2 chances left
Please enter a number between 1 - 10: 6
Try again, you have 1 chances left
Please enter a number between 1 - 10: 2
You lose, the number was 10
```

In [39]:

```
flag = True
greeting = ['hi', 'hello', 'hey']
bye = ['bye','goodbye','see you later','until next time']
greetquestion = ['how are you', 'how is it going','how are you doing']
while flag == True:
    query = input('Enter input: ')
    query = query.lower()
    if query in greetquestion:
        response = ['I am doing great','Just fine, thank you']
        print(random.choice(response))
        print(random.choice(greetquestion))
        query1 = input('Enter input: ')
        good = ['good','fine','great']
        bad = ['bad','horrible','not good']
        goodresponse = ['That is great to hear','Wonderful']
        badresponse = ['Sorry to hear','hope your day gets better']
        if query1 in good:
            print(random.choice(goodresponse))
        elif query1 in bad:
            print(random.choice(badresponse))
        else:
            print('Hey you did not answer my question')
    elif query in greeting:
        print(random.choice(greeting))
    elif query in bye:
        print(random.choice(bye))
    flag = False
```

```
Enter input: hi
hi
Enter input: how are you
I am doing great
how are you doing
Enter input: lol
Hey you did not answer my question
Enter input: bye
see you later
```

In []: