In [25]:
```python
marks = int(input('enter your marks:'))

num = marks

if num >= 80:
    print('distinction')
elif num <= 80:
    print('first class')
elif num <= 60:
    print('second class')
else:
    print('better luck next time')
```

```
enter your marks:79
first class
```

In [31]:
```python
num=9
for i in range (1,11):
```

```
9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90
```

In [81]:
```python
x=int(input("enter a number"))
count = 0
i = 2
while(i <= x//2):
    if(num % i == 0):
        count = count + 1
        break
        i = i+1
        if(count==0 and x != 1):
        print ('%d is a prime number ',x)
        else:
```

```
  File "<ipython-input-81-07bb6d42218a>", line 10
    print ('%d is a prime number ',x)
    ^
IndentationError: expected an indented block
```

In [ ]:

In [28]:
```python
start = 1
end = 1000
```

```python
for i in range(start,end):
    if i>1:

        for j in range(2,i):
            if i % j == 0:
                break
            else:
```

```
3
5
5
5
7
7
7
7
7
9
11
11
11
11
11
11
11
11
11
```

In [73]:
```python
for i in range(1,999):
    count = 0
    for j in range(i,i+1):
        if i%j == 0:
            count = count+1
        if count == 2:
        print(i)
```

```
  File "<ipython-input-73-5f1579cf8828>", line 7
    print(i)
    ^
IndentationError: expected an indented block
```

In [ ]:

In [ ]: