In [17]:
```python
a = [[2,3,4],
     [4,5,6]]

# 4 x 2

b = [[7,8],
     [9,1],
     [3,5],
     [6,7]]
# 2 x 3
result = [[0,0,0],
          [0,0,0],
          [0,0,0],
          [0,0,0]]

for i in range(len(b)):
    for j in range(len(a[0])):
        for k in range(len(a)):
            result[i][j] += a[k][j] * b[i][k]

for r in result:
    print(r)
```

```
[46, 61, 76]
[22, 32, 42]
[26, 34, 42]
[40, 53, 66]
```

In [18]:
```python
#break, continue, pass statement
```

In [19]:
```python
for i in range(1,11):
    if i > 5:
        break
    print(i)
```

```
1
2
3
4
5
```

In [20]:
```python
for i in 'Python':
    if i == 'o':
        break
    print(i)
```

```
P
y
t
h
```

In [23]:
```python
l = ['apple','banana','cherry']
for i in l:
    if i == 'banana':
        break
    print(i)
```

```
apple
```

In [29]:
```python
i = 6
while i > 5 and i<11:
    if i% 5==0:
        break
    print(i)
    i += 1
```

```
6
7
8
9
```

In [30]:
```python
for i in range(1,11):
    if i == 5:
        continue
    print(i)
```

```
1
2
3
4
6
7
8
9
10
```

In [33]:
```python
for i in range(1,11):
    if i % 2 == 0:
        continue
    print(i)
```

```
1
3
5
7
9
```

In [36]:
```python
for i in 'Develearn':
    if i == 'e':
        continue
    print(i,end = '' )
```

```
Dvlarn
```

In [41]:
```python
i = 0
while i < 10:
    i += 1
    if i % 2 == 0:
        continue
    print(i)
```

```
1
3
5
7
9
```

In [42]:
```python
#pass = null
```

In [49]:
```python
for i in range(1,11):
    pass
```

In [50]:
```python
i=9
while True:
  if i%3==0:
    break
  print("A")
```

In [51]:
```python
n = 11
for i in range(2, n//2):
    if n%i != 0:
        print("Python output based question")
        break
    else:
        print("Bye")
```

```
Python output based question
```

In [ ]:

In [ ]:

In [ ]: