

```
def setInterval(s,f,b):
    n = len(s)
    A = []
    A.append(b[0])
    k = 1
    for i in range(2,n):
        if s[i] >= f[k] :
            A.append(b[i])
            k = i

    #print A

print "Enter Number of elements"
n = input()
MAX = 100000000
from random import randint
s = []
f = []
k = []
for i in range(0,n):
    x,y = [randint(0,MAX-1),randint(0,MAX-1)] #[int(x) for x in raw_input
().strip().split()]
    s.append(x)
    f.append(y)
    k.append([x,y])

from time import time
t0 = time()
#print k
f.sort()
setInterval(s,f,k)
t1 = time()
print "Total Execution time :: ",(t1-t0)
```