1. **D**
2. **D**
3. **D**

**for** i **in** xrange( 1, len( array ) ):

key = array[i]

j = i - 1

**while** j >= 0 **and** key < array[j]:

array[j + 1] = array[j]

j -= 1

array[j + 1] = key

i += 1

1. **D**
2. **D**
3. **D**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **100** | **200** | **300** | **400** | **500** | **600** | **700** | **800** | **900** | **1000** |
| **1** | **1,21-4** | **1,7-4** | **2,52-4** | **2,33-4** | **5,21-4** | **6,3-4** | **5,77-4** | **8,81-4** | **1,05-3** | **1,1-3** |
| **2** | **1,13-4** | **2,25-4** | **1,3-4** | **4,92-4** | **5,21-4** | **6,23-4** | **7,67-4** | **8,66-4** | **1,04-3** | **9,82-4** |
| **3** | **1,1-4** | **2,1-4** | **2,32-4** | **4,22-4** | **5,24-4** | **5,76-4** | **8,13-4** | **7,6-4** | **1,09-3** | **1,05-3** |
| **4** | **1,21-4** | **2,11-4** | **2,44-4** | **4,2-4** | **5,23-4** | **7,21-4** | **6,88-4** | **1,11-3** | **9,68-4** | **1,18-3** |
| **5** | **1,1-4** | **1,94-4** | **1,93-4** | **4,17-4** | **5,77-4** | **6,81-4** | **6,7-4** | **7,61-4** | **1,05-3** | **1,03-3** |
| **6** | **5-5** | **1,79-4** | **1,53-4** | **3,91-4** | **6,04-4** | **6,67-4** | **8,01-4** | **7,85-4** | **9,32-4** | **1,03-3** |
| **7** | **9,6-5** | **2,32-4** | **3,12-4** | **5,89-4** | **5,22-4** | **6,86-4** | **8,16-4** | **8,35-4** | **9,39-4** | **1,06-3** |
| **8** | **1,21-4** | **2,33-4** | **1,19-4** | **3,83-4** | **5,44-4** | **6,34-4** | **7,3-4** | **9,46-4** | **9,44-4** | **9,69-4** |
| **9** | **1,1-4** | **9,2-5** | **3,21-4** | **4,73-4** | **5,75-4** | **6,24-4** | **9,65-4** | **8,49-4** | **9,61-4** | **1,32-3** |
| **10** | **1,24-4** | **1,84-4** | **2,03-4** | **4,73-4** | **4,92-4** | **6,37-4** | **6,68-4** | **8,3-4** | **9,53-4** | **1,03-3** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **100** | **200** | **300** | **400** | **500** | **600** | **700** | **800** | **900** | **1000** |
| **1** | **2,64-3** | **1,12-2** | **2,76-2** | **3,34-2** | **5,22-2** | **8,23-2** | **9,67-2** | **1,3-1** | **1,13-1** | **1,71-1** |
| **2** | **3,38-3** | **1,36-2** | **2,58-2** | **4,77-2** | **6,72-2** | **8,55-2** | **1,13-1** | **1,4-1** | **1,47-1** | **1,98-1** |
| **3** | **3,69-3** | **8,42-3** | **2,73-2** | **4,09-2** | **6,1-2** | **8,37-2** | **1,13-1** | **1,27-1** | **1,65-1** | **1,85-1** |
| **4** | **3,43-3** | **7,26-3** | **2,77-2** | **3,7-2** | **6,71-2** | **8,59-2** | **1,12-1** | **1,41-1** | **1,49-1** | **1,94-1** |
| **5** | **3,26-3** | **6,43-3** | **2,53-2** | **4,68-2** | **5,39-2** | **8,39-2** | **1,07-1** | **1,41-1** | **1,69-1** | **1,96-1** |
| **6** | **3,3-4** | **7,22-3** | **2,91-2** | **4,46-2** | **6,47-2** | **8,27-2** | **1,03-1** | **1,27-1** | **1,49-1** | **1,86-1** |
| **7** | **3,01-3** | **7,06-3** | **2,44-2** | **4,44-2** | **6,1-2** | **8,11-2** | **1,17-1** | **1,41-1** | **1,64-1** | **1,92-1** |
| **8** | **3,43-3** | **7,32-3** | **2,97-2** | **4,71-2** | **6,46-2** | **8,58-2** | **1,16-1** | **1,34-1** | **1,61-1** | **1,92-1** |
| **9** | **3,01-3** | **6,42-3** | **2,79-2** | **4,63-2** | **6,84-2** | **8,16-2** | **1,09-1** | **1,38-1** | **1,43-1** | **1,74-1** |
| **10** | **3,46-3** | **6,73-3** | **2,76-2** | **4,51-2** | **6,05-2** | **8,4-2** | **1,01-1** | **1,35-1** | **1,15-1** | **1,73-1** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **100** | **200** | **300** | **400** | **500** | **600** | **700** | **800** | **900** | **1000** |
| **1** | **1,27-3** | **6,38-3** | **1,55-2** | **2,5-2** | **3,81-2** | **3,84-2** | **5,75-2** | **8,44-2** | **9,68-2** | **1,15-1** |
| **2** | **1,4-3** | **6,76-3** | **8,25-3** | **2,5-2** | **3,77-2** | **4,17-2** | **6,15-2** | **8,24-2** | **9,5-2** | **1,08-1** |
| **3** | **2,19-3** | **6,07-3** | **9,67-3** | **2,04-2** | **2,63-2** | **4,34-2** | **6,4-2** | **8,19-2** | **8,64-2** | **1,19-1** |
| **4** | **1,83-3** | **6,2-3** | **7,77-3** | **2,05-2** | **3,36-2** | **5,2-2** | **5,59-2** | **7,58-2** | **8,74-2** | **1,13-1** |
| **5** | **1,7-3** | **6,48-3** | **6,98-3** | **2,59-2** | **3,93-2** | **4,77-2** | **6,23-2** | **7,03-2** | **1-1** | **1,14-1** |
| **6** | **1,99-3** | **6,7-3** | **7,1-3** | **2,55-2** | **3,09-2** | **4,48-2** | **6,63-2** | **7,7-2** | **1,01-1** | **1,09-1** |
| **7** | **2,04-3** | **6,17-3** | **6,86-3** | **2,42-2** | **3,48-2** | **5,3-2** | **6,19-2** | **8,15-2** | **9,66-2** | **1,17-1** |
| **8** | **1,13-3** | **4,39-3** | **1,51-2** | **2,57-2** | **3,52-2** | **4,81-2** | **5,86-2** | **8,39-2** | **9,46-2** | **9,53-2** |
| **9** | **1,5-3** | **7,1-3** | **1,45-2** | **2,03-2** | **4,12-2** | **4,93-2** | **6,46-2** | **8,12-2** | **1,02-1** | **1,07-1** |
| **10** | **1,83-3** | **7,23-3** | **1,6-2** | **2,53-2** | **3,27-2** | **4,52-2** | **6,7-2** | **8,3-2** | **9,62-2** | **1,1-1** |

1. **Envíe una solución en Python para el problema** [**DOUGHNUT**](http://www.spoj.com/problems/DOUGHNUT/)

import sys

n = int( sys.stdin.readline() )

while n > 0:

a = map( int, sys.stdin.readline().split() )

if a[0] \* a[2] <= a[1]:

print "yes"

else:

print "no"

n -= 1