CoCoALib - Bug #1733

FactorINT: funny order

09 Apr 2023 10:33 - John Abbott

Status:	Resolved		Start date:	09 Apr 2023
Priority:	Low		Due date:	
Assignee:	John Abbott		% Done:	60%
Category:	Improving		Estimated time:	0.00 hour
Target version:	CoCoALib-0.99880		Spent time:	0.25 hour

Description

I had expected small prime factors to appear in increasing order...

```
/**/ FactorINT(1349305);
record[RemainingFactor := 1, factors := [5,  641,  421], multiplicities := [1,  1,  1]]
```

History

#1 - 22 Apr 2024 19:51 - John Abbott

- Status changed from New to Resolved

- Assignee set to John Abbott

- % Done changed from 0 to 60

I have adopted the simple solution of changing the documentation: previously it said nothing about the order of the factors, now it says that they may not be in increasing order.

If someone really wants the factors in increasing order, we could sort them... [not sure it is worth it]