HttpCart - Linux Programmer Technical Round

Question -

What is the the correct way to copy a BIGNUM?

- ◉ BN_copy(&a,&b);
- ○ a = b;
- ○ BN_dup(&b)

Question -

There are two almirahs. Each one got different no of clothes in descending order.
Almirah 1 -
5 Jeans
2 Sweater
2 -
11 Shirts
6 Ties
3 Socks

Now our Aunty wants to find the middle element of clothes
i.e.
Ans: 5 Jeans

Input:
no of entries in Almirah 1 - 2
5
2
no of entries in Almirah 2 - 3
11
6
3

Output: 5

Question -

What all options are used to know that facebook.com ssl certificate is valid ?

- ○ OCSP
- ○ HSTS
- ○ CRL
- ○ CMP

Question -

Chandani chowk has n very thin buildings(vertical segments) in a straight line. You go from from 1 to n, as you move from left to right.
ith building-> ai pos,hi height
Your photographer climbed to the top of one of the buildings and clicked pictures of all the buildings to the right, which had a lesser height than the building on which he was, and which were in his line of sight.
Your task is to find the rightmost building captured by photographer and calculate it for every possible initial position.

$a_i < a_{i+1}$, for all $1 \le i < n$
No two different buildings are of the same height

Input
7(no of buildings)
1 130 [ai hi]
65 110

120 40
160 60
240 100
280 65
320 30

Output:
5 5 -1 -1 7 7 -1

Question -

Write the iptables command to redirect the dns port to 7900 port? [Subjective Question]

> iptables -t nat -A PREROUTING -p ${PROTOCOL} -i ${INTERFACE} -d ${LOCAL_IP_ADDR} --dport ${LOCAL_PORT} -j DNAT --to ${LOCAL_IP_ADDR} : 7900
> : 7900

Question -

We have to change the destination packet address and port no, which table and chain should we choose in iptables? [Subjective Question]

Submit