Q3- Which line will show error and why?

```
#include<stdio.h>
int main(){
char *a = "India";   //line 1
char b[] = "India";   //line 2
a = a+1;//line 5
b = b+1;//line 6
}
```

Answer- here in line 1 we are assigning a pointer to the first charcter of the string.
That's why when we trry to increment the pointer in line no. 5, it gets incremented and now a becomes "ndia".

Whereas

In line no. 2, we are assigning a character array, therefore when to try to increment 'b' in line no. 6 it doesn't get incremented because it represent array.

Therfore **line no. 6 will give error.**