Q1.

Ans: I will take spring starter security to make these APIs secure and reliable.

Q2.

I will simply write iterate through the CSV file and whatever I get I will check that if what is the return value for this and I will return that.

Example : if I get 5 then the return value will be A1 according to the given values in the question.

Method Example:

Public getValue(String str){

If(str.equals(“5”)){ return “A1”};

Else if(str.equals(“A2”)) { return “7”};

Else if(str.equals(“=A2+B2”)) { return “C2”};

}

Like this.

I can check for smallercase errors and FileNotFoundException for this.