**Please refer to the video lecture for more detailed instruction**

**public** **class** SocSecProcessor {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

}

//A String object can be considered as a character array

//char charAt​(int index): Returns the char value at the specified index.

//c is a digit-> c>=48 and c<=57

//isValid(String ssn)

//set a flag to true

//if is not valid, return false

//1. if the length is not 11, set the flag to false and then throw the exception with error message: wrong number of characters

//2. check 4th character and 7th character is not dash, set the flag to false and then throw the exception with error message: dashes at wrong positions

//3. for all character in ssn

//--skip 4th and 7th character

//if the character is non-digit,set the flag to false and then throw the exception with error message: contains a character that is not a digit

//return flag

}