**Password Exercise**

1. Create an application that prompts the user to input their 4 digit pin number and checks to see whether it is correct or not (the correct pin number for this exercise is 1234). The user can only enter the pin number wrong 3 times before the system locks them out. (Use **while** loop)

Sample Output 1

**Please enter your 4 digit pin number: 1234**

**Pin Accepted! Welcome to the system.**

Sample Output 2

**Please enter your 4 digit pin number: 1253**

**Wrong pin entered, you have 2 attempts remaining**

**Please enter your 4 digit pin number: 1313**

**Wrong pin entered, you have 1 attempt remaining**

**Please enter your 4 digit pin number: 1317**

**Wrong pin entered, you have been locked out of the system**

Sample Output 3

**Please enter your 4 digit pin number: 1253**

**Wrong pin entered, you have 2 attempts remaining**

**Please enter your 4 digit pin number: 1234**

**Pin Accepted! Welcome to the system.**