

# VECTORS LAB – BASEBALL PLAYERS

**Create a program that stores baseball player information into a vector**

## User Requirements

Ask the user how many baseball players you want to obtain data. Your console application should look like the figure below.

```
How many players are on the team? 3
What is player 1's name: Joshua
What is Joshua's jersey number: 44
Is Joshua playing today (Y/N): y

What is player 2's name: Jackson
What is Jackson's jersey number: 5
Is Jackson playing today (Y/N): y

What is player 3's name: Kristin
What is Kristin's jersey number: 7
Is Kristin playing today (Y/N): n

Joshua's jersey number is 44 and is playing today.
Jackson's jersey number is 5 and is playing today.
Kristin's jersey number is 7 and is not playing today.
```

*Figure 1: Sample program execution*

## Software Requirements

- Use vectors to store the player's name, jersey number and playing status.
  - o Create an integer vector called `playerNumbers` to store the player's jersey number.
  - o Create a string vector called `playerNames` to store the player's name.
  - o Create a Boolean vector called `playerAbsent` to store the player's attendance status.
- Retrieve the player's data from each vector and display it on the screen as seen in the figure above.