

# Lists Challenge 9: Basketball Roster Program

## Description:

You are responsible for writing a program that will build and display a basketball roster based off user input. Your program will then simulate an injury to a specific player in the roster and prompt the user to update the roster. Upon updating the roster, your program will display the final roster and wish the newly add player good luck.

## Step By Step Guide:

- Print a welcome message.
- Create a blank list called roster.
- Get user input for the names of the starting roster for a basketball team.
  - The starting roster includes a point guard, shooting guard, small forward, power forward, and center. Use an input statement for each position.
  - Make sure to always display the name capitalized.
  - Add each position to your list roster.
  - Your point guard should be index 0, shooting guard at index 1, ect...
- Print the starting 5 as formatted below.
- Remove the small forward from the list and store it in a variable called injured\_player.
- Print a message to the user informing them that this player is injured.
- Get the length of the current roster.
- Print a message to the user informing them of the length of the current roster.
- Get user input for who will take the injured players spot and store this in a variable called added\_player.
- Add this player to the roster at the correct position.
- Print the updated starting 5 as formatted below.
- Print a good luck message to the new player.
- Get the length of the current roster.
- Print a message to the user informing them of the length of the current roster.
- Use at least 2 comments to describe sections of your code.
- "Chunk" your code so that is readable.
- Use appropriate and informative variable names.
- Format your output as below.

## Example Output:

```
welcome to the Basketball Roster Program
```

```
Who is your point guard: mike eramo
```

```
Who is your shooting guard: Klay Thompson
```

```
Who is your small forward: LEBRON JAMES
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Who is your power forward: Anthony Davis

Who is your center: Kevin Getman

Your starting 5 for the upcoming basketball season

Point Guard:	Mike Eramo
Shooting Guard:	Klay Thompson
Small Forward:	Lebron James
Power Forward:	Anthony Davis
Center:	Kevin Getman

Oh no, Lebron James is injured.

Your roster only has 4 players.

Who will take Lebron James's spot: Lucas Eramo

Your starting 5 for the upcoming basketball season

Point Guard:	Mike Eramo
Shooting Guard:	Klay Thompson
Small Forward:	Lucas Eramo
Power Forward:	Anthony Davis
Center:	Kevin Getman

Good luck Lucas Eramo you will do great!

Your roster now has 5 players.