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1  #Lists Challenge 9: Basketball Roster Program
2
3  print("Welcome to the Basketball Roster Program")
4
5  #Get user input and define our roster
6  roster = []
7  player = input("\nWho is your point guard: ").title()
8  roster.append(player)
9  player = input("Who is your shooting guard: ").title()
10 roster.append(player)
11 player = input("Who is your small forward: ").title()
12 roster.append(player)
13 player = input("Who is your power forward: ").title()
14 roster.append(player)
15 player = input("Who is your center: ").title()
16 roster.append(player)
17
18 #Display roster
19 print("\n\tYour starting 5 for the upcoming basketball season")
20 print("\t\tPoint Guard:\t\t" + roster[0])
21 print("\t\tShooting Guard:\t\t" + roster[1])
22 print("\t\tSmall Forward:\t\t" + roster[2])
23 print("\t\tPower Forward:\t\t" + roster[3])
24 print("\t\tCenter:\t\t\t" + roster[4])
25
26 #Remove an injured player
27 injured_player = roster.pop(2)
28 print("\nOh no, " + injured_player + " is injured.")
29
30 roster_length = len(roster)
31 print("Your roster only has " + str(roster_length) + " players.")
32
33 #Add a new player
34 added_player = input("Who will take " + injured_player + "'s spot: ").title()
35 roster.insert(2, added_player)
36
37 #Display roster
38 print("\n\tYour starting 5 for the upcoming basketball season")
39 print("\t\tPoint Guard:\t\t" + roster[0])
40 print("\t\tShooting Guard:\t\t" + roster[1])
41 print("\t\tSmall Forward:\t\t" + roster[2])
42 print("\t\tPower Forward:\t\t" + roster[3])
43 print("\t\tCenter:\t\t\t" + roster[4])
44
45 print("\nGood luck " + roster[2] + " you will do great!")
46 roster_length = len(roster)
47 print("Your roster now has " + str(roster_length) + " players.")

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