**CS-101: Programming Fundamentals Lab**

In this lab, you are going to make a program that plays a 10 overs cricket between Team 1 and Team 2.

Team 1 has Shabbir and Dinesh as players

Team 2 has John and Kamran as players

When the program starts, you are given a choice to select which team you want to play (1 point)

Once selected, it asks you about what do you pick as a toss (1 point)

If you win the toss, you can choose to bat or bowl (1 point)

If you lose the toss, the other team chooses to bat or bowl (1 point)

Both the teams play their innings till either they get out or the number of balls run out (2 points)

It then displays the winner of the match (1 point)

Finally it will ask you if you want to play the match again (1 point)

Your output should be similar to what is given in next page (2 points)

You will need to import the random file and use the function:

random.randint(a,b)

this function returns a random number between the range a and b. For example

num = random.randint(0,10)

will return numbers from 0 to 10

This is a 10 over match between two teams, Team1 and Team2

Team 1 has: Shabbir and Dinesh

Team 2 has: John and Kamran

Which team do you pick?

1. Team 1

2. Team 2

Your Team?: 1

You selected Team 1. Shabbir and Dinesh are in your team.

You are about to take a toss, what will be your pick?

1. Heads

2. Tails

Your choice?: 1

You lost the toss

Opponent's team 2 is going to bowl.

Shabbir and Dinesh are coming to bat

3 runs scored by Shabbir.

2 runs scored by Dinesh.

2 runs scored by Dinesh.

0 runs scored by Dinesh.

1 runs scored by Dinesh.

3 runs scored by Shabbir.

4 runs scored by Dinesh.

6 runs scored by Dinesh.

Dinesh is Out

John and Kamran are coming to bat

3 runs scored by John.

3 runs scored by Kamran.

John is Out

Team 1 won the match by scoring 21 runs versus 6 runs

Do you want to play another match? Please press ‘y’ or ‘n’