**Cycle test 3 Component**

**Assignment 1**

**I. Read the Dataset ‘modifiedfifa.csv' and answer the following questions. (15 marks)**

1. Find how many different countries players data is included in the dataset (1 Mark)

2. Find out highest Valued player from the dataset (1 Mark)

3. Find which country's players data is maximum in the dataset and what’s is the count of it (2 Marks)

4. Display top 10 clubs ordered by sum of all player’s current market value of that club (3 Marks)

5. Count the number of players having International Reputation ratings = 4 from the clubs 'Real Madrid’ and ‘FC Barcelona’ (3 Marks)

6. Find out the names of the youngest and oldest players from the dataset (5 Marks)

**II. Read the dataset atheletes.csv and regions.csv and answer the following questions.**

1. Merge the dataset athletes and regions. (2 Marks)

2. Show the distribution of the age of gold medallists (4 Marks)

3. Display the number of athletes who are gold medallists and whose age is greater than 50 with

their info. (4 Marks)

4. Women who can play in summer (2 Marks)

5. Display the top 5 countries who won the most medals. Support your answer with suitable

plot. (3 Marks)