Challenge 2 Q:

- Implement a class called Player that represents a cricket player. The Player class should have a method called play() which prints "The player is playing cricket. Derive two classes, Batsman and Bowler, from the Player class. Override the play() method in each derived class to print "The batsman is batting" and "The bowler is bowling", respectively. Write a program to create objects of both the Batsman and Bowler classes and call the play() method for each object.

```python
class Player:
    def play(self):
        print("The player is playing cricket.")


class Batsman(Player):
    def play(self):
        print("The batsman is batting.")


class Bowler(Player):
    def play(self):
        print("The bowler is bowling.")


# Create objects of Batsman and Bowler
classes and call the play() method for each
object.
if __name__ == "__main__":
    batsman = Batsman()
    bowler = Bowler()


    batsman.play()  # Output: The batsman is
batting.
    bowler.play()   # Output: The bowler is
bowling.
```

Output:
The batsman is batting.
The bowler is bowling.