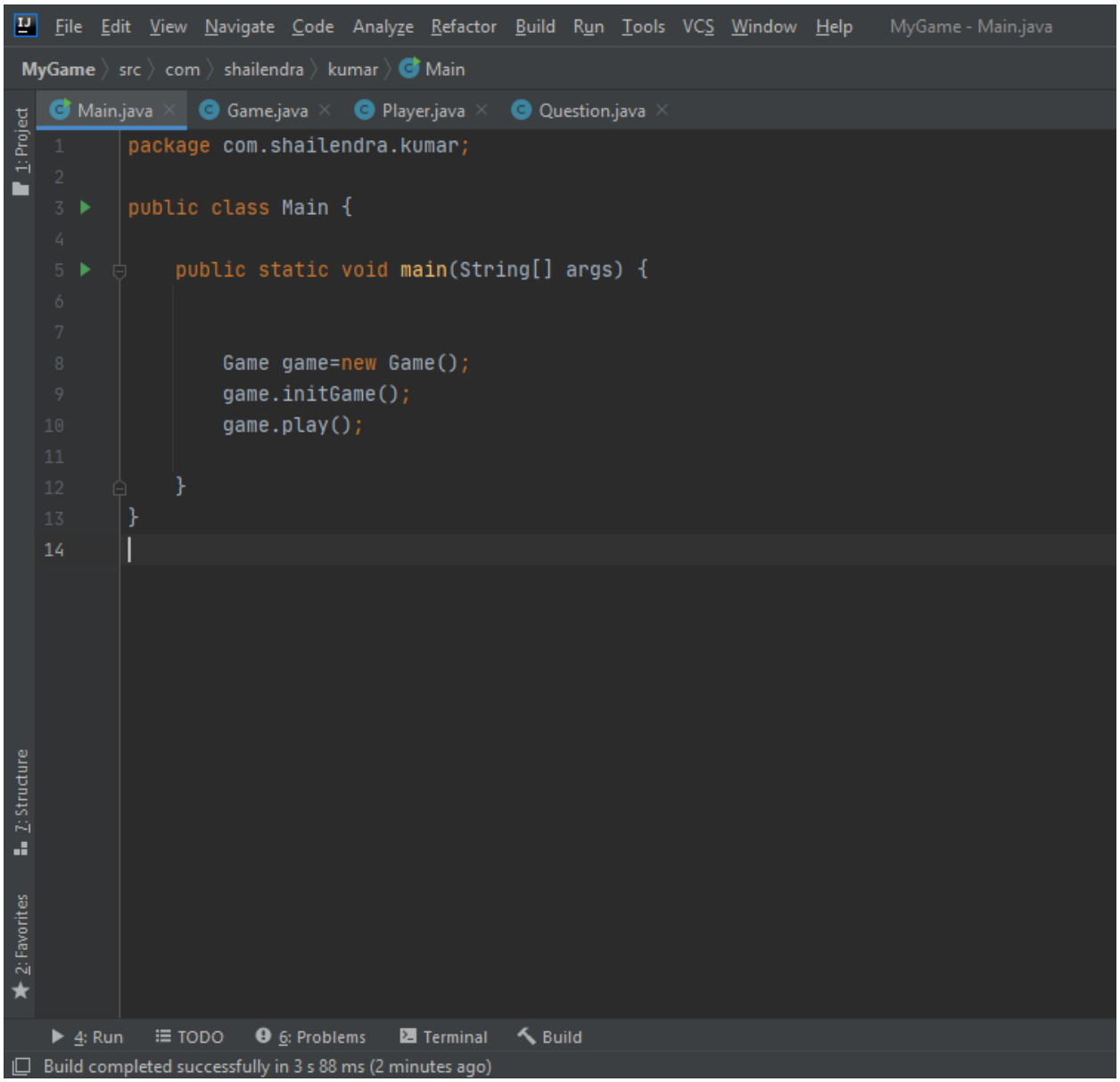
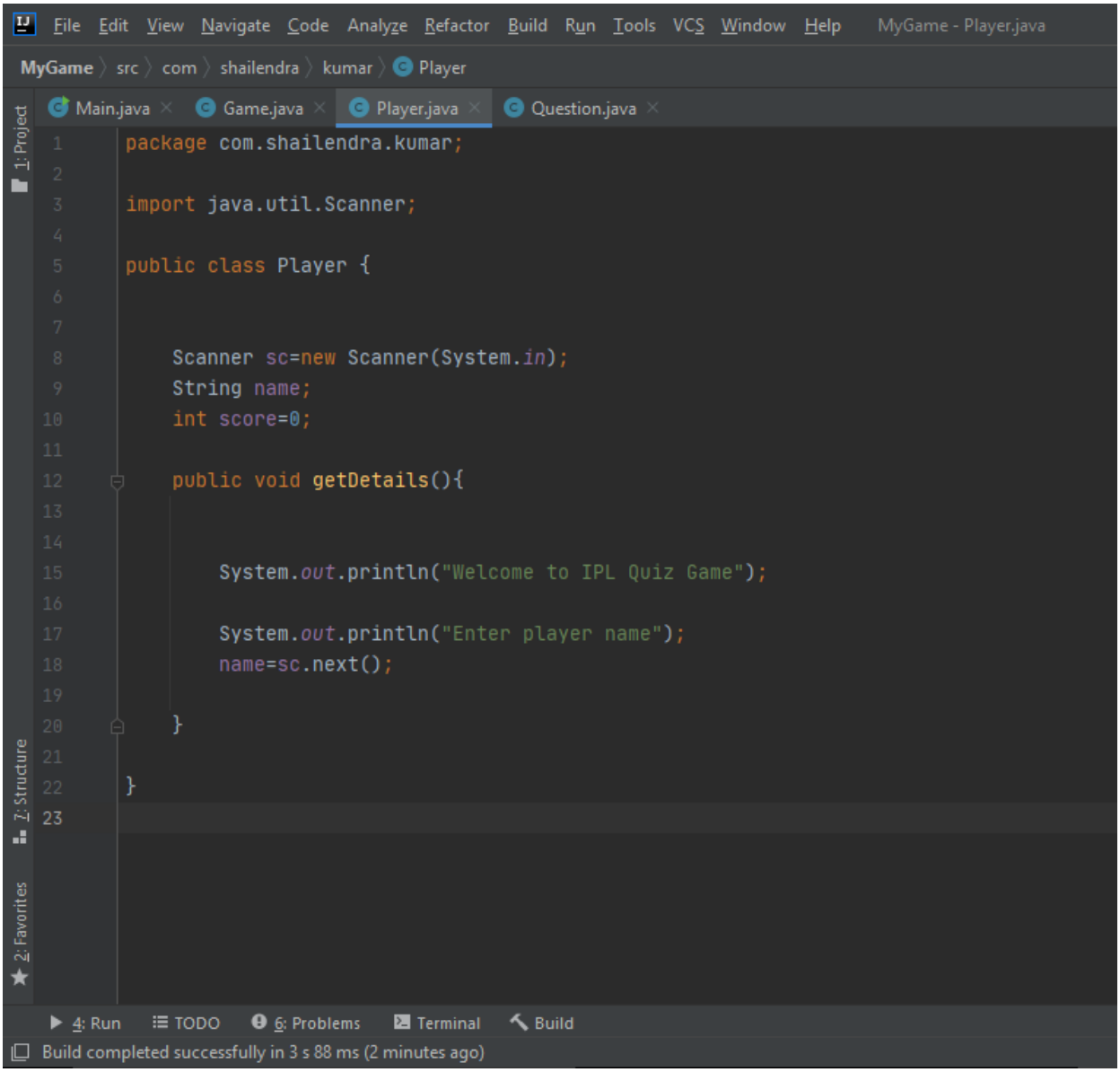
# LetsUpgrade Java Essentials Assignment - 4

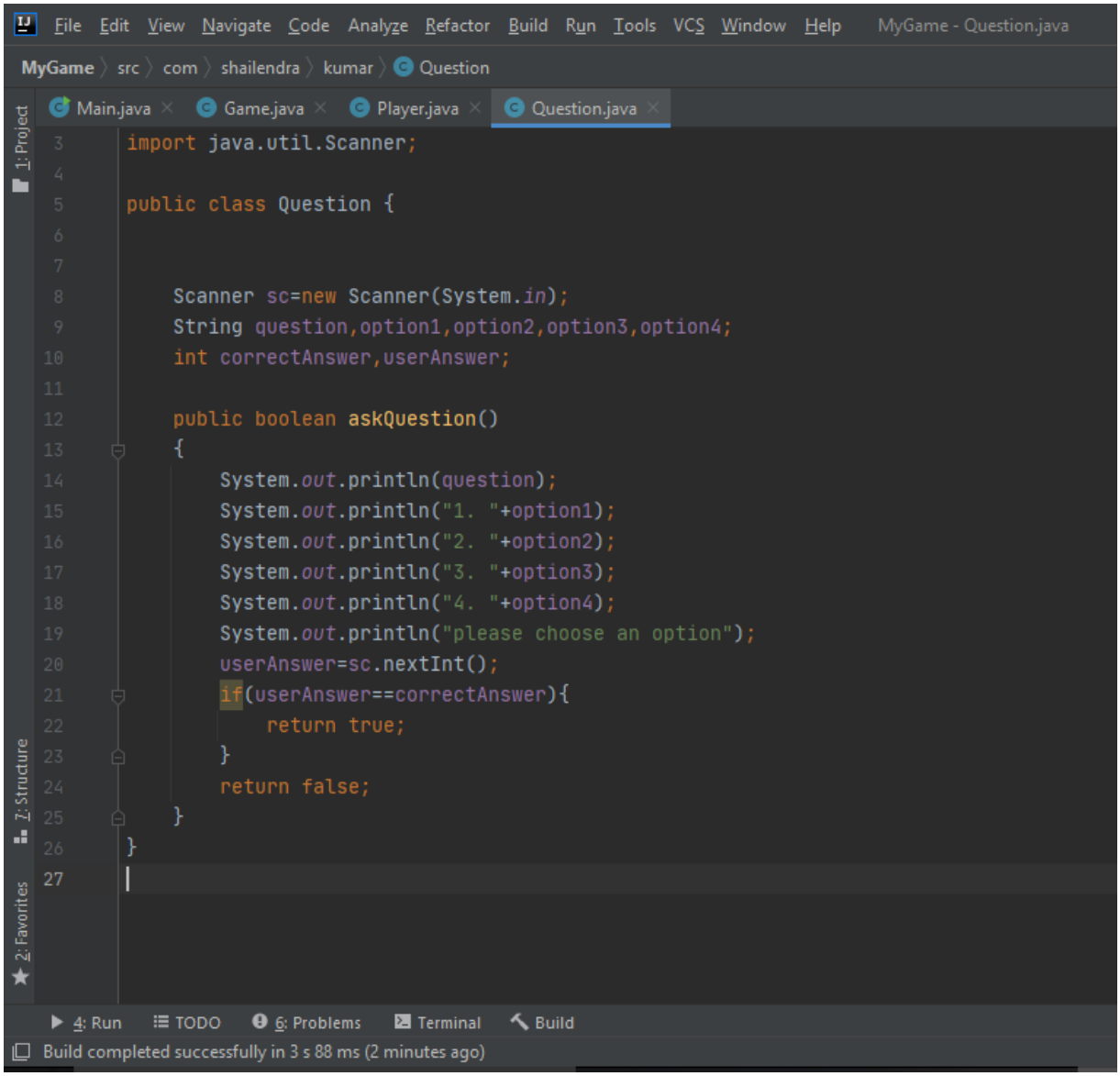
## Questions 1:

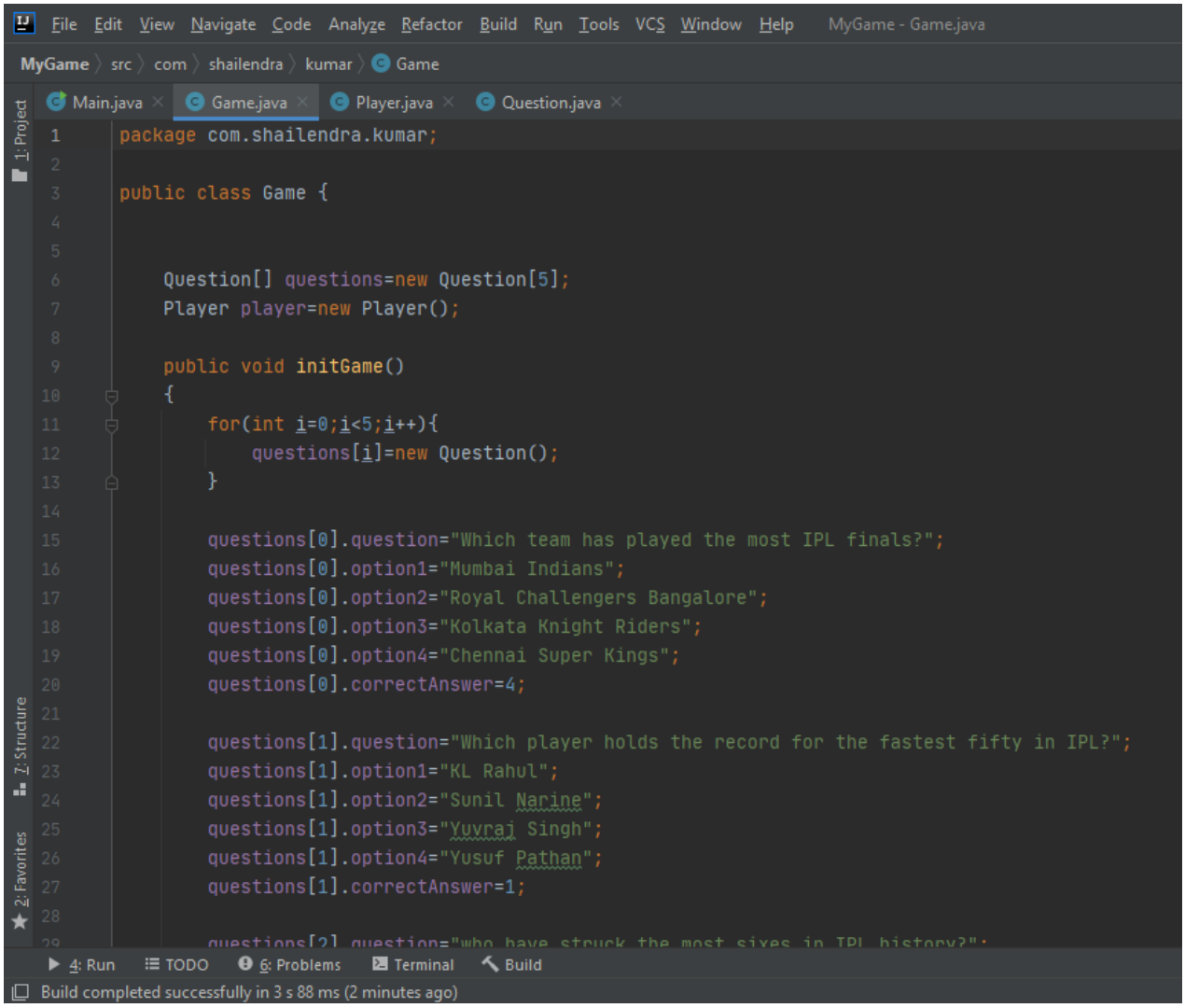
Make the complete quiz application on your own.

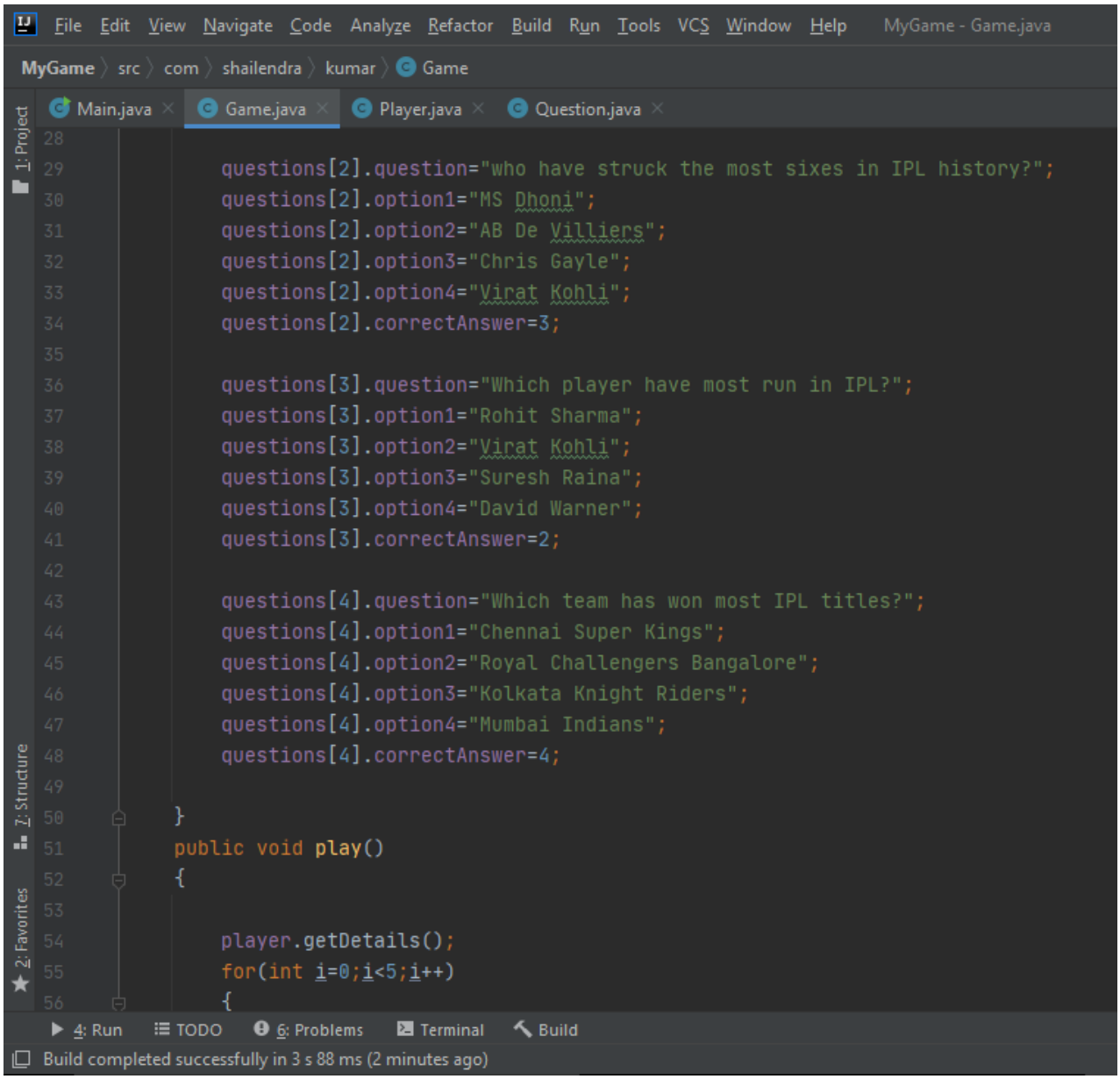
## Answer:

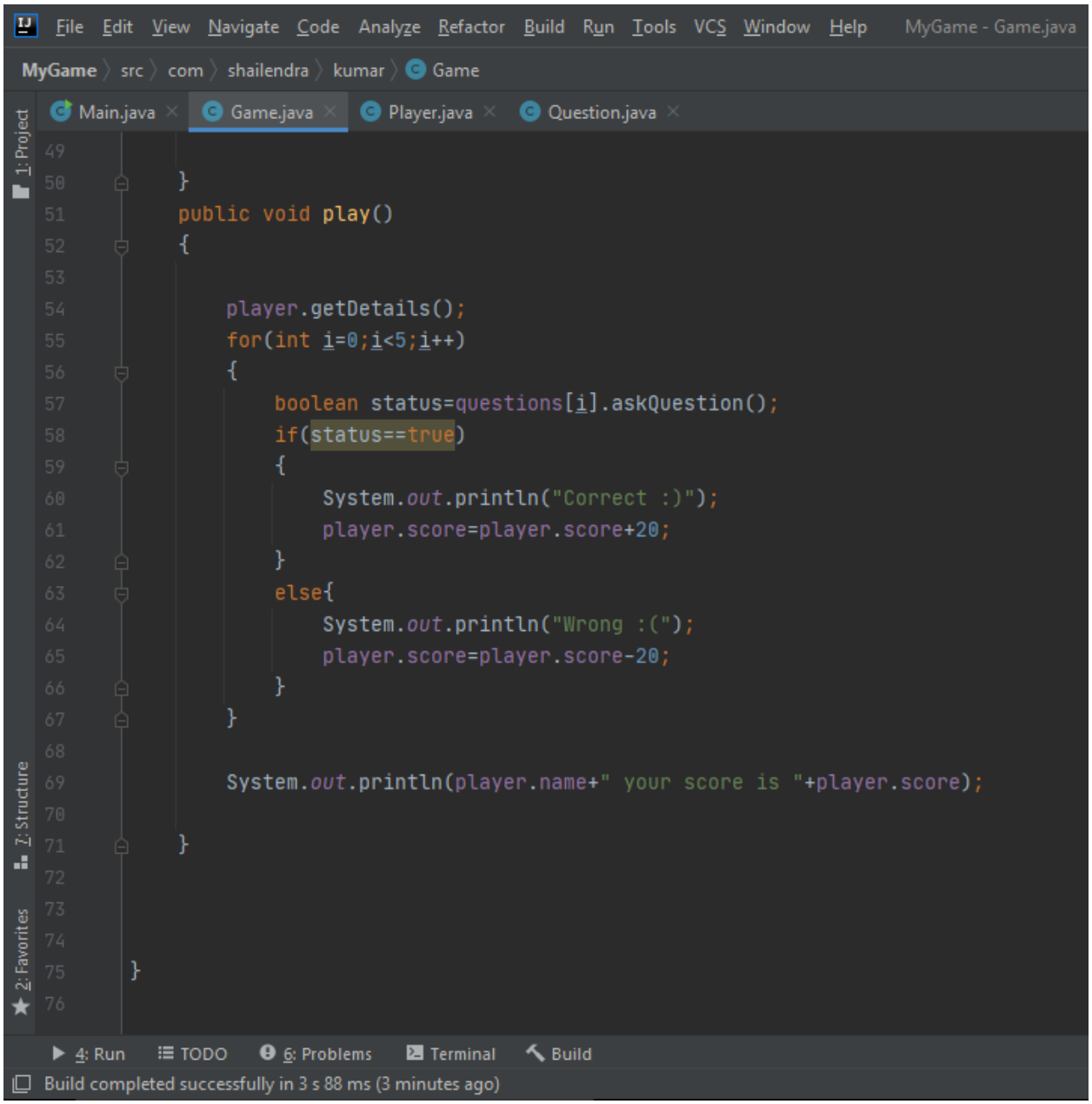


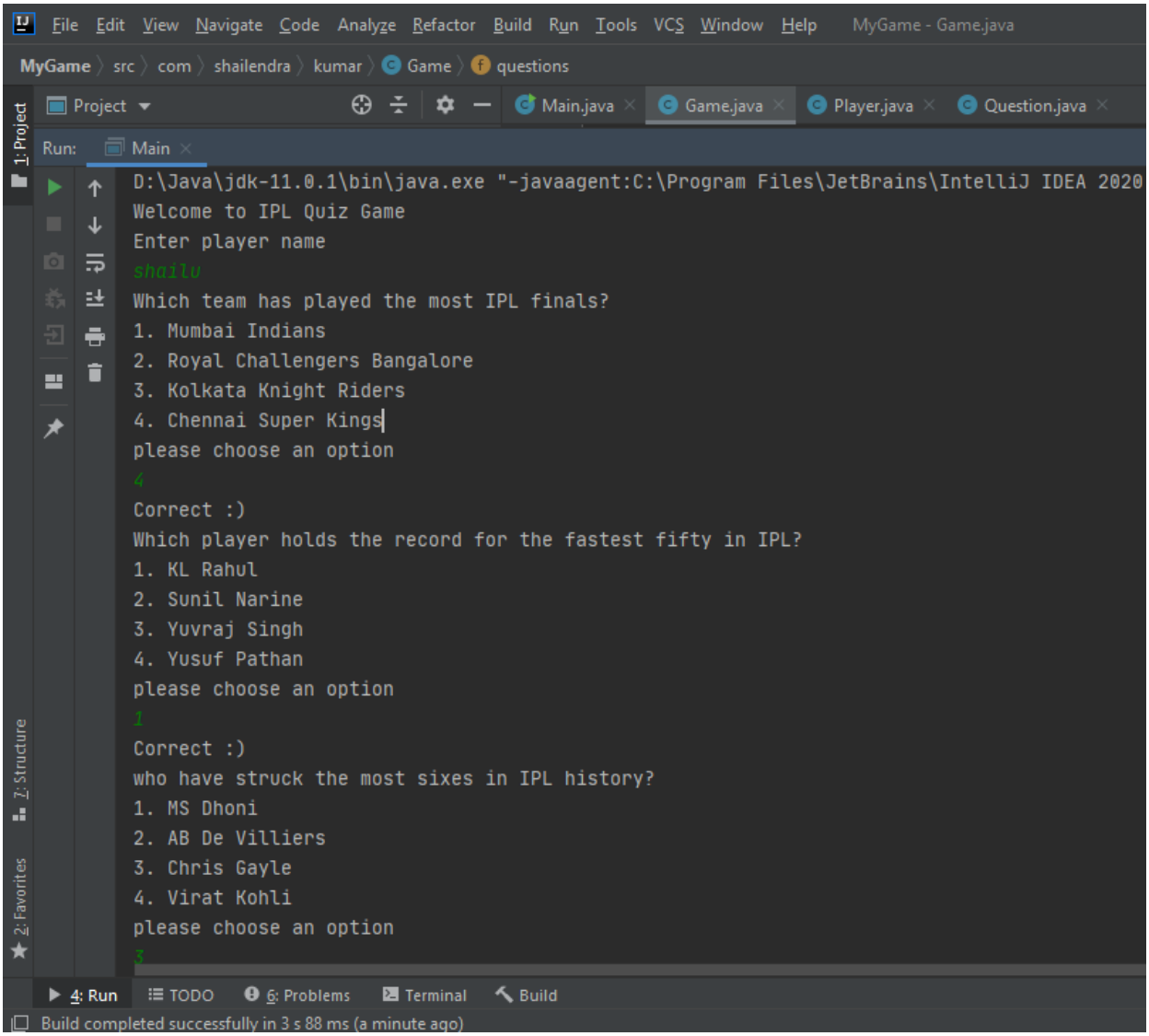

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help MyGame - Player.java
MyGame src com shailendra kumar Player
Main.java Game.java Player.java Question.java
1: Project
7: Structure
2: Favorites
package com.shailendra.kumar;
import java.util.Scanner;
public class Player {
Scanner sc=new Scanner(System.in);
String name;
int score=0;
public void getDetails(){
System.out.println("Welcome to IPL Quiz Game");
System.out.println("Enter player name");
name=sc.next();
}
}
4: Run TODO 6: Problems Terminal Build
Build completed successfully in 3 s 88 ms (2 minutes ago)

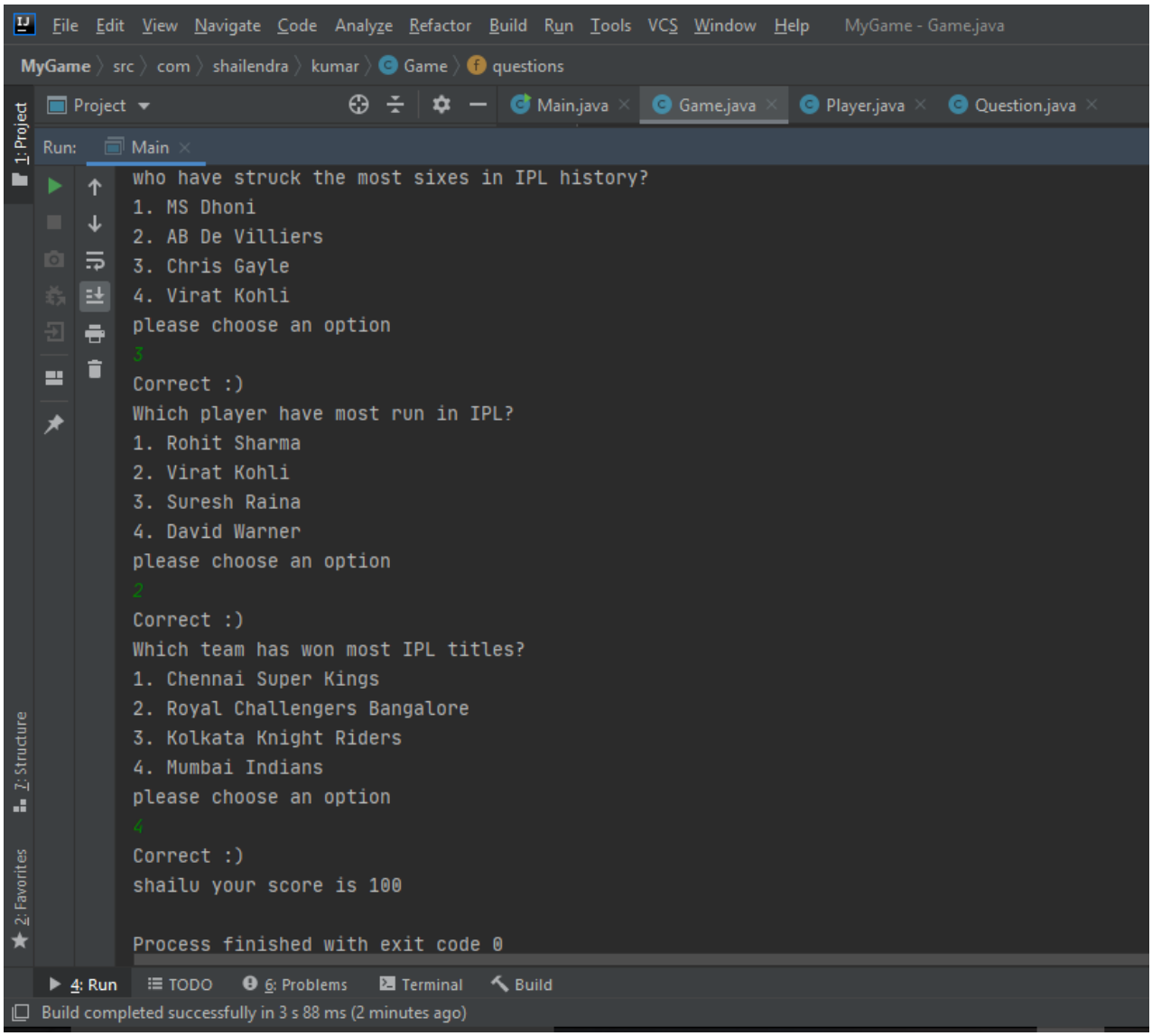

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help MyGame - Question.java
MyGame src com shailendra kumar Question
Main.java Game.java Player.java Question.java
1: Project
7: Structure
2: Favorites
import java.util.Scanner;
public class Question {
Scanner sc=new Scanner(System.in);
String question,option1,option2,option3,option4;
int correctAnswer,userAnswer;
public boolean askQuestion()
{
System.out.println(question);
System.out.println("1. "+option1);
System.out.println("2. "+option2);
System.out.println("3. "+option3);
System.out.println("4. "+option4);
System.out.println("please choose an option");
userAnswer=sc.nextInt();
if(userAnswer==correctAnswer){
return true;
}
return false;
}
}
4: Run TODO 6: Problems Terminal Build
Build completed successfully in 3 s 88 ms (2 minutes ago)


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help MyGame - Game.java
MyGame src com shailendra kumar Game
Main.java Game.java Player.java Question.java
1: Project
7: Structure
2: Favorites
package com.shailendra.kumar;
public class Game {
Question[] questions=new Question[5];
Player player=new Player();
public void initGame()
{
for(int i=0;i<5;i++){
questions[i]=new Question();
}
questions[0].question="Which team has played the most IPL finals?";
questions[0].option1="Mumbai Indians";
questions[0].option2="Royal Challengers Bangalore";
questions[0].option3="Kolkata Knight Riders";
questions[0].option4="Chennai Super Kings";
questions[0].correctAnswer=4;
questions[1].question="Which player holds the record for the fastest fifty in IPL?";
questions[1].option1="KL Rahul";
questions[1].option2="Sunil Narine";
questions[1].option3="Yuvraj Singh";
questions[1].option4="Yusuf Pathan";
questions[1].correctAnswer=1;
4: Run TODO 6: Problems Terminal Build
Build completed successfully in 3 s 88 ms (2 minutes ago)


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help MyGame - Game.java
MyGame src com shailendra kumar Game
Main.java Game.java Player.java Question.java
1: Project
7: Structure
2: Favorites
questions[2].question="who have struck the most sixes in IPL history?";
questions[2].option1="MS Dhoni";
questions[2].option2="AB De Villiers";
questions[2].option3="Chris Gayle";
questions[2].option4="Virat Kohli";
questions[2].correctAnswer=3;
questions[3].question="Which player have most run in IPL?";
questions[3].option1="Rohit Sharma";
questions[3].option2="Virat Kohli";
questions[3].option3="Suresh Raina";
questions[3].option4="David Warner";
questions[3].correctAnswer=2;
questions[4].question="Which team has won most IPL titles?";
questions[4].option1="Chennai Super Kings";
questions[4].option2="Royal Challengers Bangalore";
questions[4].option3="Kolkata Knight Riders";
questions[4].option4="Mumbai Indians";
questions[4].correctAnswer=4;
}
public void play()
{
player.getDetails();
for(int i=0;i<5;i++)
{
4: Run TODO 6: Problems Terminal Build
Build completed successfully in 3 s 88 ms (2 minutes ago)


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help MyGame - Game.java
MyGame src com shailendra kumar Game
Main.java Game.java Player.java Question.java
1: Project
7: Structure
2: Favorites
}
public void play()
{
player.getDetails();
for(int i=0;i<5;i++)
{
boolean status=questions[i].askQuestion();
if(status==true)
{
System.out.println("Correct :)");
player.score=player.score+20;
}
else{
System.out.println("Wrong :(");
player.score=player.score-20;
}
}
System.out.println(player.name+" your score is "+player.score);
}
}
4: Run TODO 6: Problems Terminal Build
Build completed successfully in 3 s 88 ms (3 minutes ago)


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help MyGame - Game.java
MyGame src com shailendra kumar Game questions
Project
Main.java Game.java Player.java Question.java
Run: Main
D:\Java\jdk-11.0.1\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2020
Welcome to IPL Quiz Game
Enter player name
shailu
Which team has played the most IPL finals?
1. Mumbai Indians
2. Royal Challengers Bangalore
3. Kolkata Knight Riders
4. Chennai Super Kings
please choose an option
4
Correct :)
Which player holds the record for the fastest fifty in IPL?
1. KL Rahul
2. Sunil Narine
3. Yuvraj Singh
4. Yusuf Pathan
please choose an option
1
Correct :)
who have struck the most sixes in IPL history?
1. MS Dhoni
2. AB De Villiers
3. Chris Gayle
4. Virat Kohli
please choose an option
3
4: Run TODO 6: Problems Terminal Build
Build completed successfully in 3 s 88 ms (a minute ago)




**By Shailendra Kumar**

**Part of LetsUpgrade Family**