Main.java:

package com.quizapplication;  
  
public class Main {  
  
 public static void main(String[] args) {  
 Game game=new Game();  
 game.initGame();  
 game.play();  
 }  
}

Question.java:

package com.quizapplication;  
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;  
 }  
}

Player.java:

package com.quizapplication;  
import java.util.Scanner;  
public class Player {  
 Scanner sc=new Scanner(System.*in*);  
 String name;  
 int score=0;  
  
 public void getDetails() {  
 System.*out*.println("Enter player name");  
 name=sc.next();  
 }  
}

Game.java:

package com.quizapplication;  
  
public class Game {  
 Question[] questions=new Question[5];  
 Player player=new Player();  
 public void initGame(){  
// created five objects  
 for(int i=0;i<5;i++){  
 questions[i]=new Question();  
 }  
// applying values to the variables of the object  
 questions[0].question="Who is the father of Economics?";  
 questions[0].option1="Max Muller";  
 questions[0].option2="Adam Smith";  
 questions[0].option3="Karl Marx";  
 questions[0].option4="None of the above";  
 questions[0].correctAnswer=2;  
  
 questions[1].question="What is the base year to calculate the National income in india?";  
 questions[1].option1="2004-2005";  
 questions[1].option2="2008-2007";  
 questions[1].option3="2011-2012";  
 questions[1].option4="2014-2015";  
 questions[1].correctAnswer=3;  
  
 questions[2].question="Which state in india is the major producer of mulberry silk?";  
 questions[2].option1="karnataka";  
 questions[2].option2="kerala";  
 questions[2].option3="hyderabad";  
 questions[2].option4="chennai";  
 questions[2].correctAnswer=1;  
  
 questions[3].question="In India,planned economy is based on?";  
 questions[3].option1="Gandhian System";  
 questions[3].option2="Capitalist System";  
 questions[3].option3="Mixed Economy System";  
 questions[3].option4="Socialist System";  
 questions[3].correctAnswer=4;  
  
 questions[4].question="Which country is not a member of SAARC?";  
 questions[4].option1="India";  
 questions[4].option2="Myanmar";  
 questions[4].option3="Bangladesh";  
 questions[4].option4="Pakistan";  
 questions[4].correctAnswer=2;  
 }  
 public void play(){  
 player.getDetails();  
 for(int i=0;i<5;i++){  
 boolean status=questions[i].askQuestion();  
 if(status==true){  
 System.*out*.println("amazing! it is a correct answer");  
 player.score++;  
 }  
 else{  
 System.*out*.println("sorry! it is a wrong answer");  
 }  
 }  
 System.*out*.println(player.name+" your score is "+player.score);  
 }  
}

**output:**

"C:\Program Files\Java\jdk-15\bin\java.exe" "-javaagent:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\lib\idea\_rt.jar=55706:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\bin" -Dfile.encoding=UTF-8 -classpath C:\Users\ELCOT\IdeaProjects\quizapplication\out\production\quizapplication com.quizapplication.Main

Enter player name

jai

Who is the father of Economics?

1. Max Muller

2. Adam Smith

3. Karl Marx

4. None of the above

please choose an option

2

amazing! it is a correct answer

What is the base year to calculate the National income in india?

1. 2004-2005

2. 2008-2007

3. 2011-2012

4. 2014-2015

please choose an option

3

amazing! it is a correct answer

Which state in india is the major producer of mulberry silk?

1. karnataka

2. kerala

3. hyderabad

4. chennai

please choose an option

1

amazing! it is a correct answer

In India,planned economy is based on?

1. Gandhian System

2. Capitalist System

3. Mixed Economy System

4. Socialist System

please choose an option

4

amazing! it is a correct answer

Which country is not a member of SAARC?

1. India

2. Myanmar

3. Bangladesh

4. Pakistan

please choose an option

2

amazing! it is a correct answer

jai your score is 5

Process finished with exit code 0