

Question.1

```
public class Course
{
    private String CourseName;
    private int Credits;

    public Course()
    {
        this.CourseName = "Unknown";
        this.Credits = 0;
    }

    public Course(String CourseName, int Credits)
    {
        this.CourseName = CourseName;
        this.Credits = Credits;
        CheckCourses();
    }

    private static void CheckCourse()
    {
        if (this.Credits < 0)
        {
            System.out.println("Credit value is invalid");
        }
    }
}
```




```

public int getCredits()
{
    return this.Credits;
}

public void setCredits(int Credits)
{
    this.Credits = Credits;
    checkCourse();
}

public void display()
{
    System.out.println(String.format(
        "\n-----\nCourseName: %s\nCredits: %s\n-----\n"));
}

```




```
Public Class Test
```

```
{  
    Public Static boolean checkForCourse ( Course course )
```

```
{  
    if ( course. get CourseName. equals ( " Programing II " ) AND  
        course. get Credits ( ) == 6 ) 50g
```

```
{  
        return true ;
```

```
{  
    else
```

```
{  
        return false ;
```

```
{  
    Public static void main ( String [ ] args )
```

```
{  
    Scanner scanned ;
```

```
    Course course1 = new Course ( ) ;
```

```
    Course course2 = new Course ( " SE116 " , 6 ) ;
```

```
    System. out. println ( " Course name : " ) ;
```

```
    scanned = new Scanner ( System. in ) ;
```

```
    course1. set CourseName ( scanned. nextLine ( ) ) ;
```

```
    System. out. println ( " Credit value : " ) ;
```

```
    scanned = new Scanner ( System. in ) ;
```

```
    course1. set Credits ( scanned. nextInt ( ) ) ;
```

```
    scanned. close ( ) ;
```

```
    course1. display ;  
    course2. display ;
```

