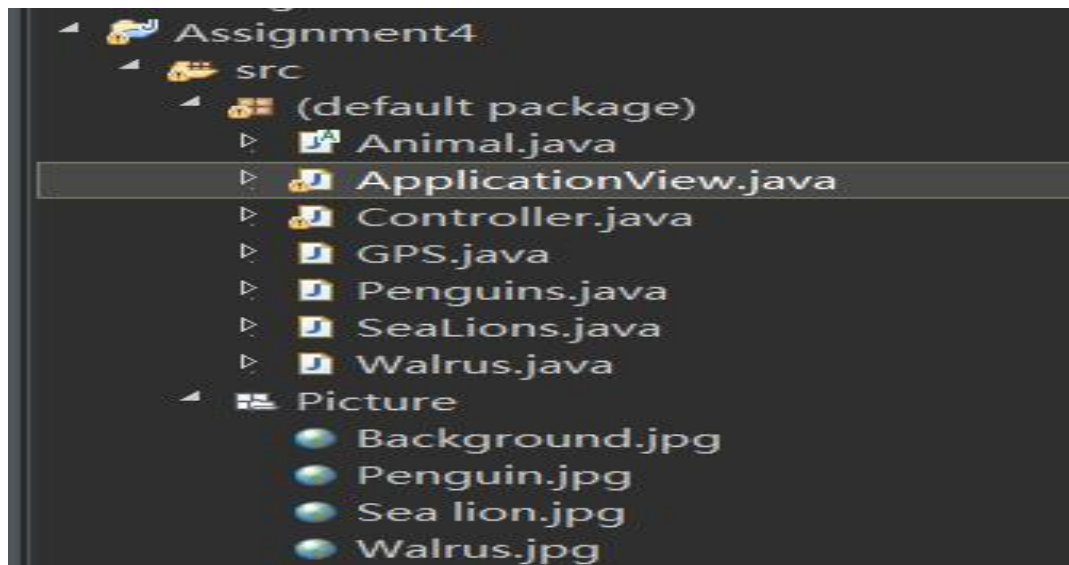
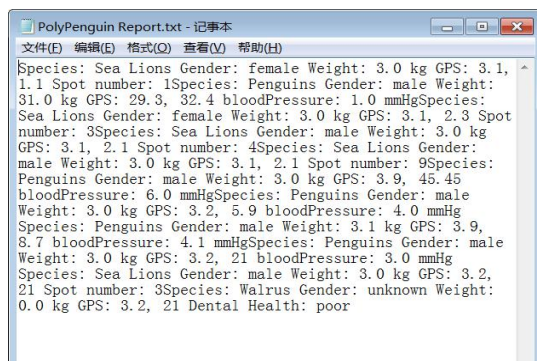


Introduction to Object Oriented Programming PROG 1400



```
17
18 public void generateObject(String species,String gender,double weight,String gps,int num_spots){
19     SeaLions sealion = new SeaLions(species,gender,weight,gps,num_spots);
20     myAnimal = sealion;
21 }
22
23 public void generateObject(String species,String gender,double weight,String gps,String dentalHealth){
24     Walrus walrus = new Walrus(species,gender,weight,gps,dentalHealth);
25     myAnimal = walrus;
26 }
27
28 public void WriteReport(String report){
29     File file = new File("src/PolyPenguin Report.txt");
30     FileWriter fw = null;
31     try{
32         fw = new FileWriter(file,true);
33         fw.write(report);
34         fw.write("\n");
35     } catch (IOException e){
36         System.out.println(e.getMessage());
37     } catch (Exception e){
38         System.out.println(e.getMessage());
39     } finally{
40         try{
41             fw.close();
42         } catch (IOException e){
```



Images source Reference:

<http://m.blog.daum.net/ blog/ m/articleView.do?articleno=2507&blogid=0aSdh>

<https://greenfishbluefish.wordpress.com/category/international-principles/precautionary-approach/>

<http://clipart-library.com/clipart/6TrjEb8TK.htm>

Transactional Database Programming DBAS 4002

The screenshot shows the SQL Server Enterprise Manager interface. The Query Editor displays the following SQL query:

```

7 GO
8 SELECT tr.[Name], tr.[Milliseconds]
9      , dbo.udfMillisecondsToSeconds(Milliseconds) AS 'Seconds'
10      , dbo.udfSecondsToMilliseconds(dbo.udfMillisecondsToSeconds(Milliseconds))
11 FROM dbo.Track tr
12 WHERE dbo.udfMillisecondsToSeconds(Milliseconds) = 120;

```

The Results pane shows the following data:

	Name	Milliseconds	Seconds	Milliseconds
1	Asia Mit 30 Veränderungen, BWV 988 "Goldberg Var...	120463	120	120000
2	Music for the Royal Fireworks, HWV351 (1749): La ...	120000	120	120000

The screenshot shows the SQL Server Enterprise Manager interface. The Query Editor displays the following SQL code for a stored procedure:

```

40
41 ALTER PROCEDURE [dbo].[uspMyprocedure] @seconds int, @sign varchar(2)
42 AS
43 IF @sign = '>'
44 BEGIN
45     SELECT count(TrackId) FROM Track
46     WHERE dbo.udfmillisecondsToSeconds(Milliseconds) > @seconds
47 END
48 IF @sign = '<'
49 BEGIN
50     SELECT count(TrackId) FROM Track
51     WHERE dbo.udfmillisecondsToSeconds(Milliseconds) < @seconds
52 END
53 IF @sign = '>='
54 BEGIN
55     SELECT count(TrackId) FROM Track
56     WHERE dbo.udfmillisecondsToSeconds(Milliseconds) >= @seconds
57 END
58 IF @sign = '<='
59 BEGIN
60     SELECT count(TrackId) FROM Track

```

The Messages pane shows the following message:

```

Commands completed successfully.

```

The screenshot shows the SQL Server Enterprise Manager interface. The Query Editor displays the following SQL code:

```

149 GO
150
151 EXEC dbo.uspCountOfSongsListMilli @seconds=20, @sign='<'
152 EXEC dbo.uspCountOfSongsListMilli @seconds=20, @sign='<='

```

The Results pane shows the following data:

	Name	Tracks	Mils	Secs	InputInMils
1	Body Count	The Real Problem	11650	12	20000
2	House Of Pain	Commercial 1	7941	8	20000
3	Body Count	Oprah	6635	7	20000
4	Body Count	A Statistic	6373	6	20000
5	Body Count	Now Sports	4884	5	20000
6	Skank	É Uma Partida ...	1071	1	20000