

WORKSHEET 09E – Due on week 5 day 2

1	<p><u>Reading/studying C. 9.4-9.5</u></p> <ul style="list-style-type: none">• Textbook• Slides• Chapter Summary (at the end of the chapter lessons) <p>Keep your notes</p>
2	<p><u>Self-Check questions</u></p> <ul style="list-style-type: none">• Answer the questions as you come across them during your reading, using pencil.• Check the answers & correct (if necessary) with non-red pen. <p>Write down the answers. Check solutions, noting mistakes to learn from (if any). Hand in your work.</p>
3	<p><u>Share in online Discussion</u></p> <p>Reminder: When sharing, share something that is a <u>learning opportunity</u> to your classmates. Do not simply report your status.</p>
	<p>(cont. next page)</p>

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Do Programming Projects P: 9.3, 9.4 – read the textbook carefully first

1. **Hints for P 9.3:** The following are the fields and methods for each class:

CLASS	FIELD	METHODS
Appointment	description	setDescription occursOn (abstract) toString
Daily	no additional fields	...
Monthly	date	...
Onetime	year, month, day	...

2. **Reminders for P 9.3:**

- You must provide the appropriate constructor(s) for each class
- An **abstract** method does NOT have a body or the pair of braces that would normally enclose the body; and every subclass must override that abstract method
- A class with at least one **abstract** method must be declared **abstract**

3. **Hints for P 9.4:**

- You should have one **ArrayList** whose elements are of type **Appointment**
- Do allow inputs in upper- and lower-cases
- Example of a run, where the user's inputs are in blue:

```

Appointments: (F)ind, (A)dd, or (Q)uit: A

Enter type [(D)aily, (M)onthly, (O)netime]: D
Enter description: Brush teeth & take shower

Appointments: (F)ind, (A)dd, or (Q)uit: F

Enter a date (like 7 29 2016) to search: 7 20 2016

Your appointments on 7/20/2016:
Brush teeth & take shower

Appointments: (F)ind, (A)dd, or (Q)uit: Q

```

- Do Practice Exercise E 10.17** – Use the source files (**ButtonViewer.java**, etc.) from classwork
- Submit online, and demo in class on due date.**

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Share online

THE END