

# Year 2 Computing – Semester 3

## COMP H2031: OOAD

### Object Oriented Analysis & Design

Academic term	2021/22
Year of study	Year 2
Semester	SEMESTER ONE – AUTUMN paper
Date of examination	Week 7 lab: <b>Group 6 – Monday 8th November 2021</b>
Time of examination	35minutes test + 5 minutes ZIP and upload

COMP H2031: Object Oriented Analysis & Design

PHP & Java Coding Test – **[[ part 1 PHP – questions 1 and 2]]**

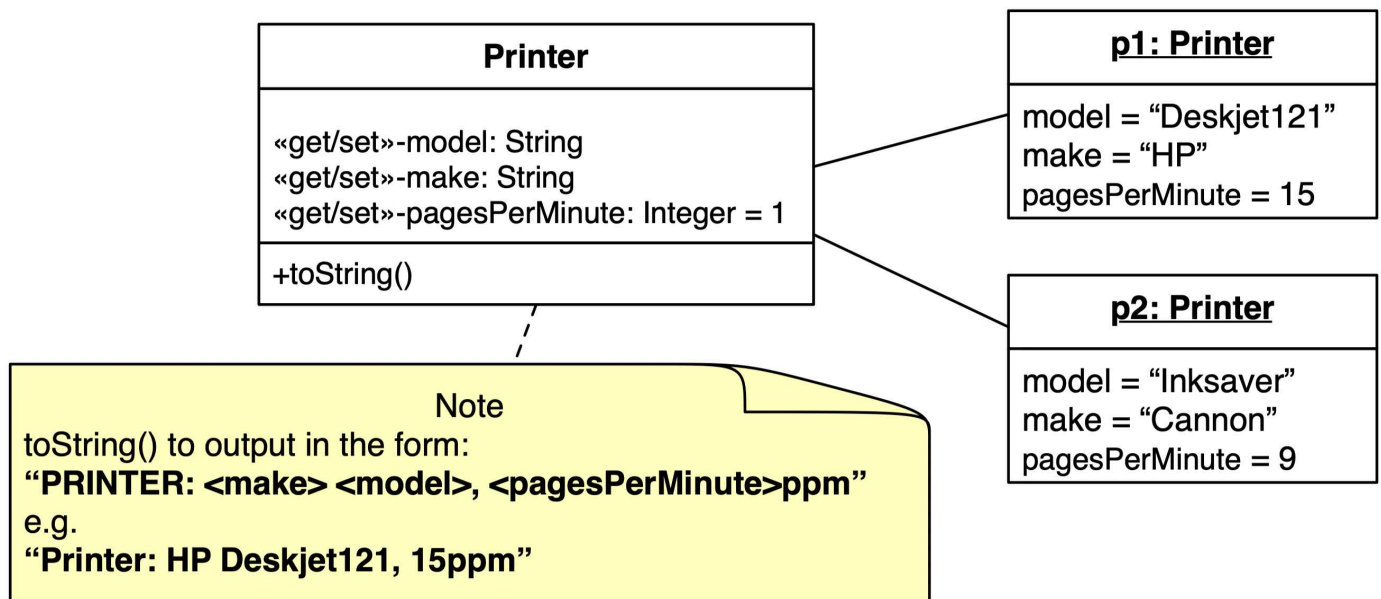
Internal Examiner(s)	Dr. Matt Smith
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#### Instructions to candidates:

1.	To ensure that you take the correct examination, please check that the module and programme which you are following is listed in the table above.
2.	This part of the test is worth 50 marks
3.	<b>Submit two (2) ZIP files:</b> <ul style="list-style-type: none"> <li>question1.zip</li> <li>question2.zip</li> </ul>

DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO

Submit your answers to this question in folder: **question1/**



**Qu. (1a)** Write a PHP file **Printer.php** to:

- Implement the class shown in the diagram above

**Qu. (1b)** Write a PHP file **main.php** to:

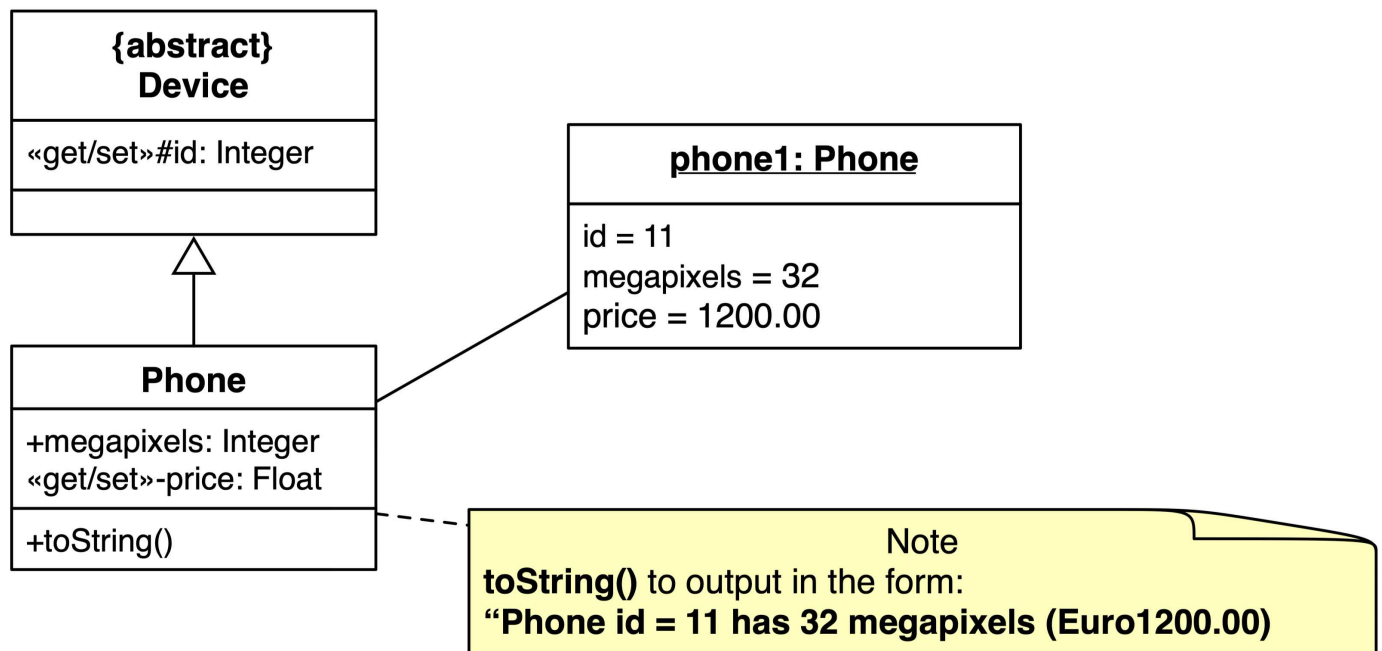
- Create the objects from the diagram above
- Print out the details of the objects – the output should be:

```
$ php main.php
```

```
PRINTER: HP Deskjet121, 15ppm
```

```
PRINTER: Cannon Inksaver, 9ppm
```

Submit your answers to this question in folder: **question2/**



**Qu. (1a)** Write PHP files to implement the classes in the diagram above

**Qu. (1b)** Write a PHP file **main.php** to:

- Create the object from the diagram above
- Print out the details of the object – the output should be:

```
$ php main.php
```

```
Phone id = 11 has 32 megapixels (Euro1200.00)
```