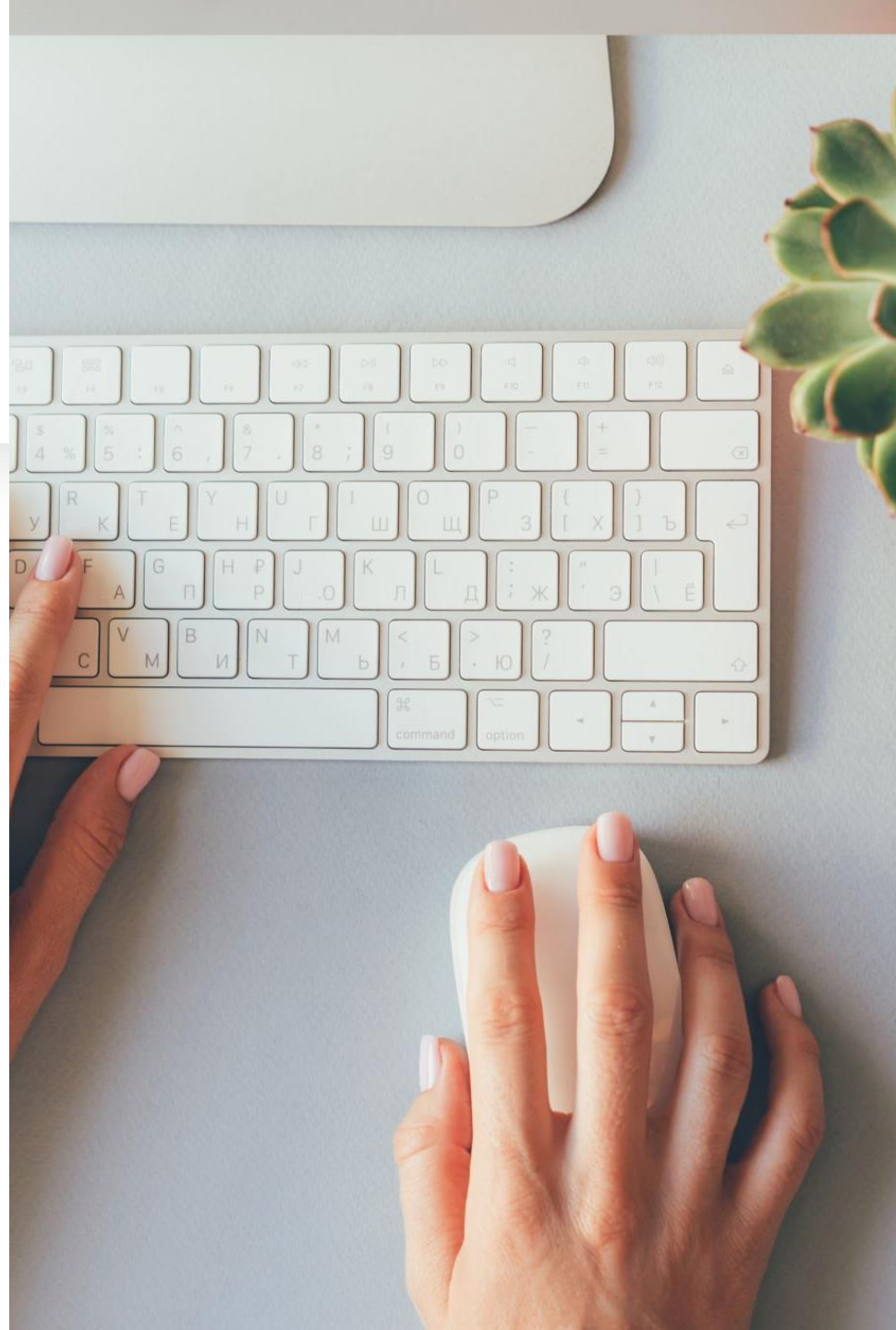


Leaving Cert Computer Science

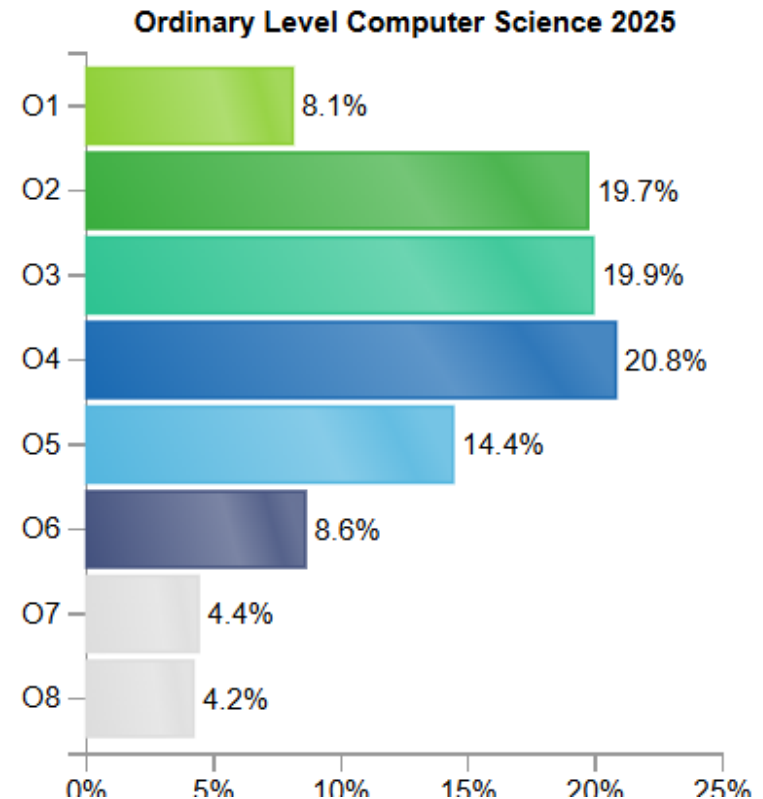
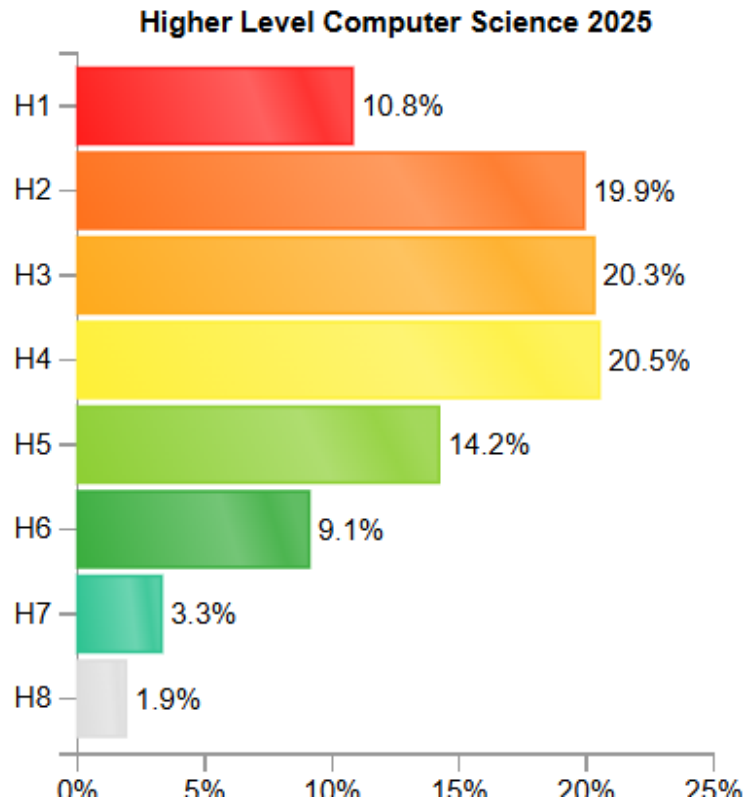


What is Computer Science?

- It is about solving problems using computers.
- You learn how to think logically.
- You learn how to write code.
- You learn how technology works.



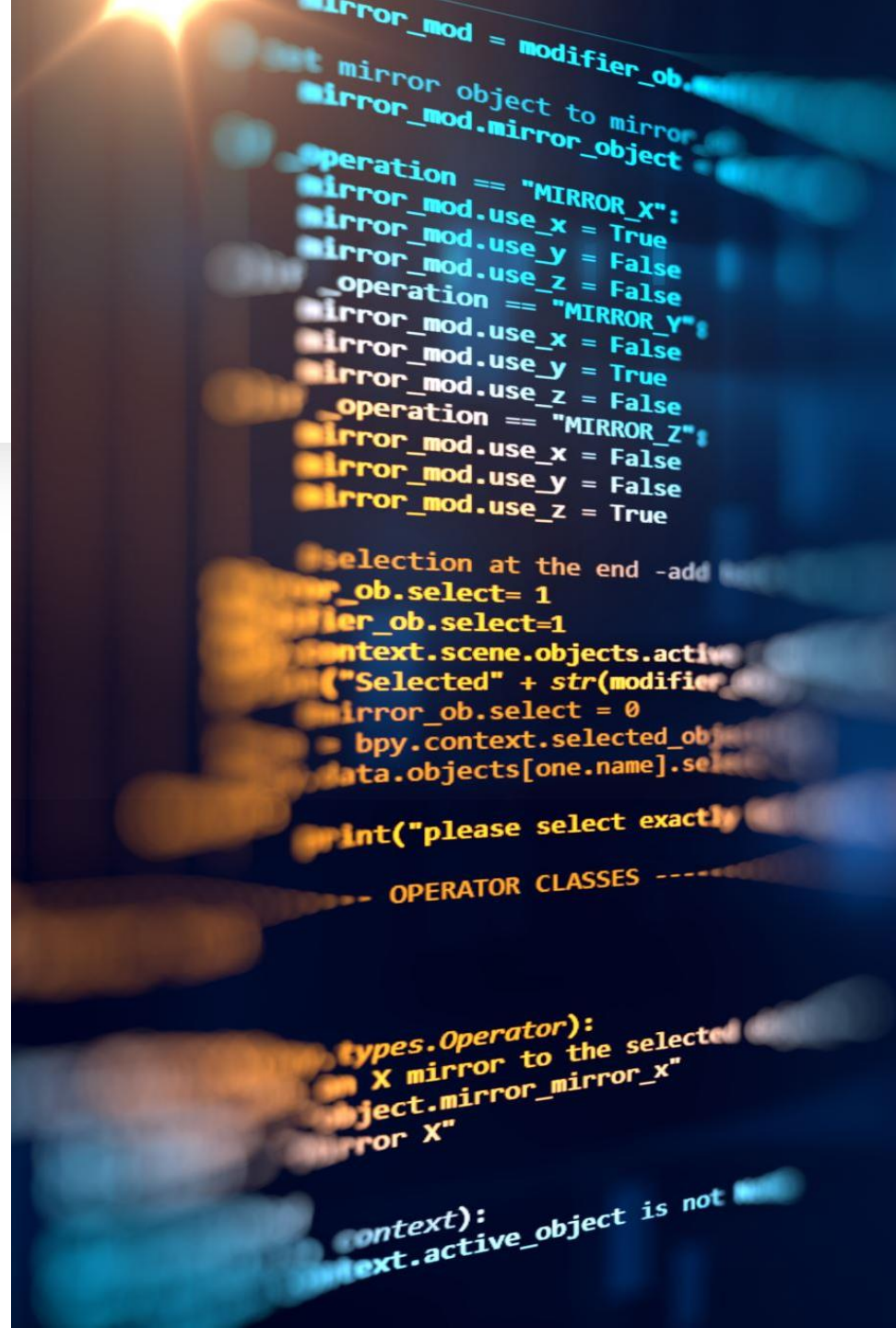
Marks Distribution 2025:



Grades Awarded

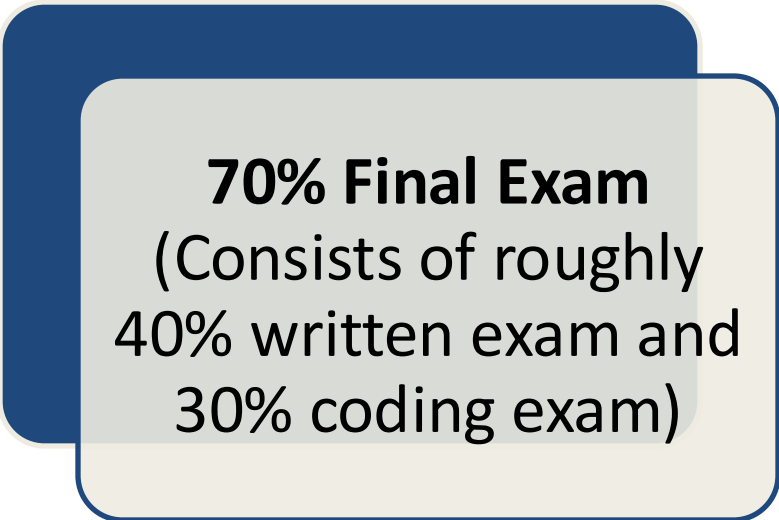
What You Will Learn

- How to write programs (code).
- How computers actually work.
- How data is stored and used.
- How to design your own digital projects.

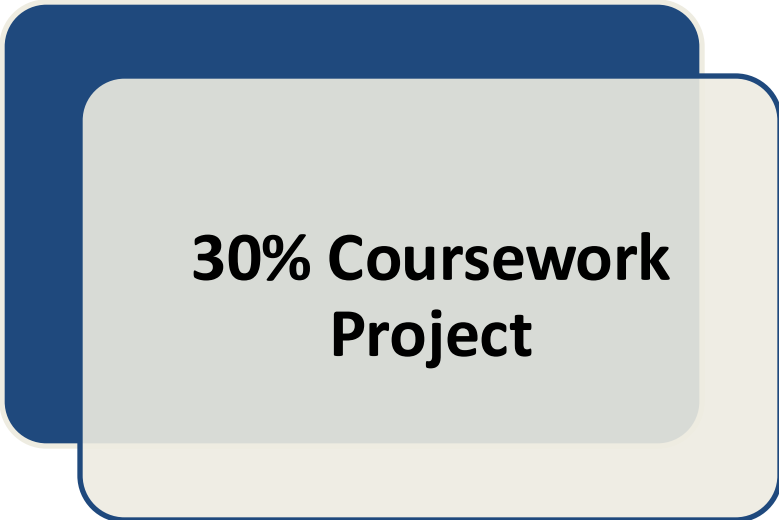




How You Are Assessed



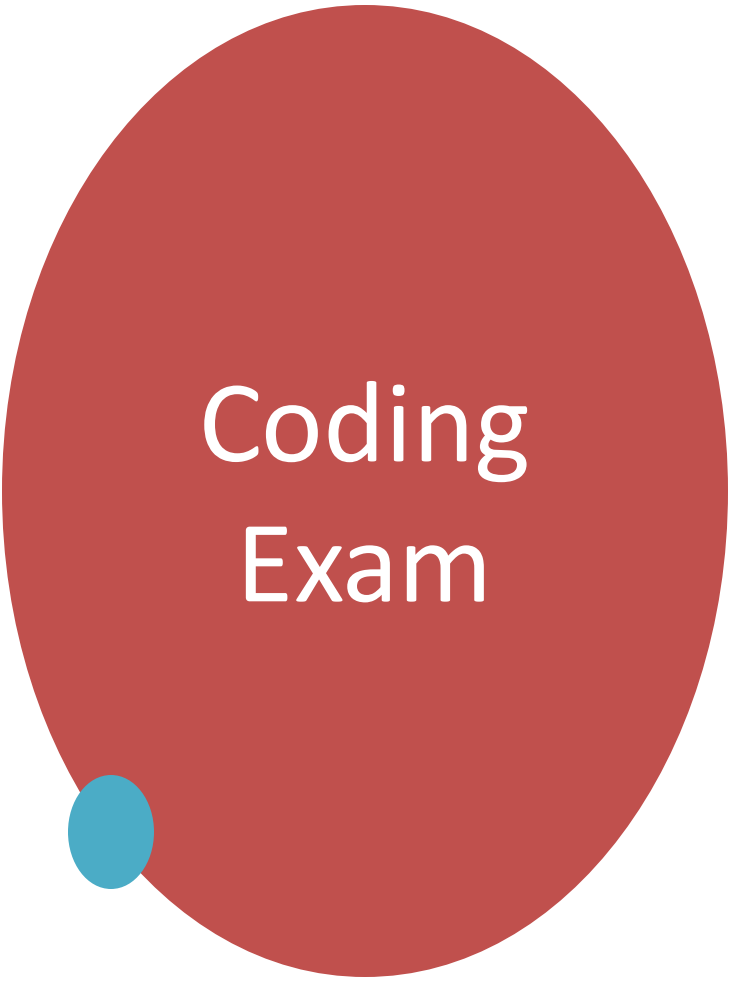
70% Final Exam
(Consists of roughly
40% written exam and
30% coding exam)



**30% Coursework
Project**

The Final Exam – 70%

- Written + Computer-Based
- You answer theory questions.
- You answer coding questions.
- You will write and debug real code in the exam.



Coding Exam

- The exam includes a practical coding section. Where you will be given problems and will have to solve them by coding in python
- 

Example Code from 2025 exam

Section C

Programming

80 marks

Question 16

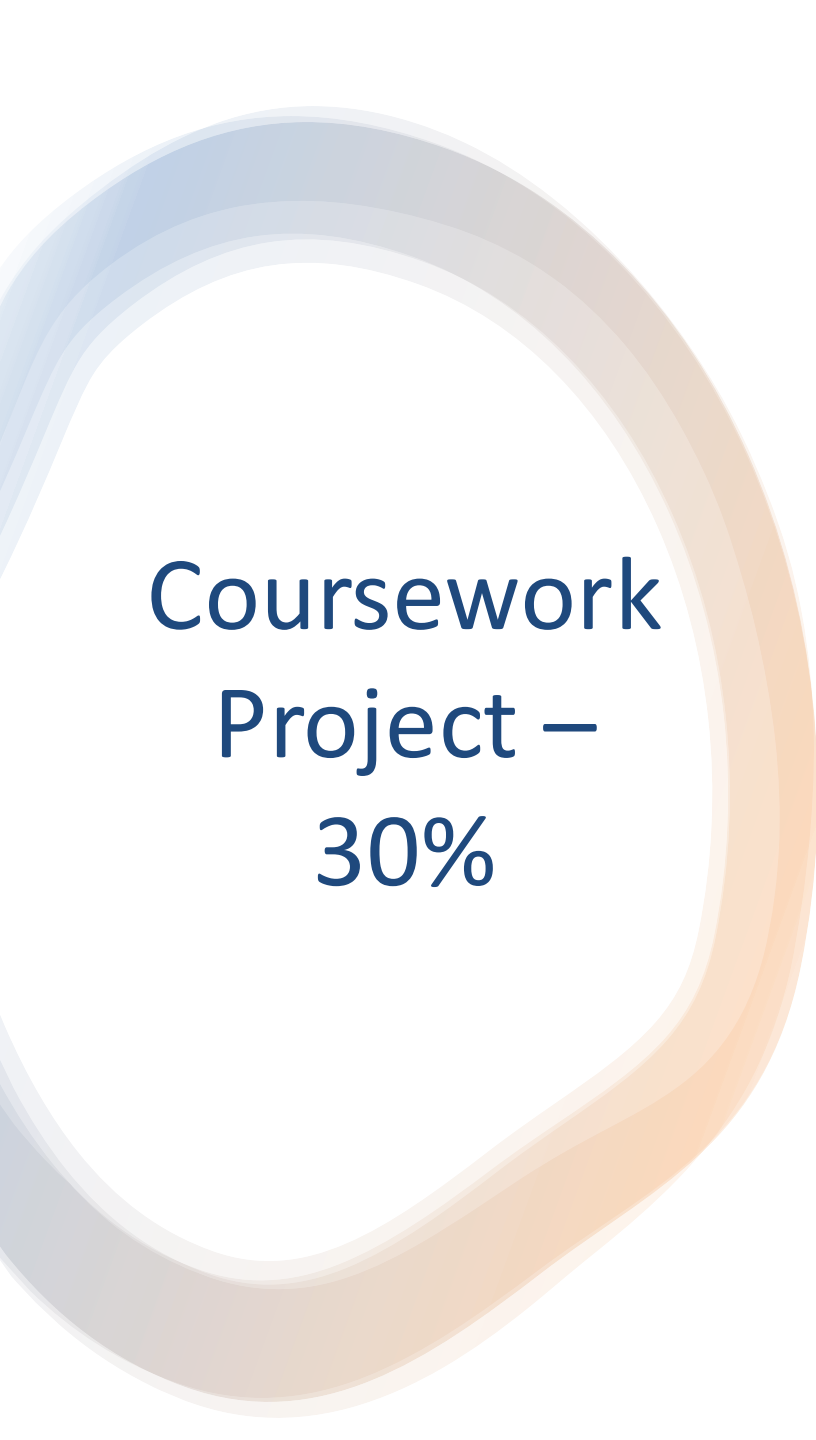
80 (50, 30) marks

(a)

50 (5, 5, 5, 5, 5, 10, 15) marks

Possible solution:

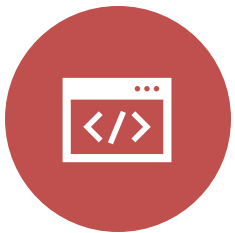
```
1 # Question 16 (a)
2 # Examination Number:
3
4 def get_grade(result):
5     grade = "Unsuccessful"
6
7     if result >= 80:
8         grade = "Distinction"
9     elif result >= 65:
10        grade = "Upper Merit"
11    # part iii - start
12    elif result >= 50:
13        grade = "Lower Merit"
14    elif result >= 40:
15        grade = "Pass"
16    # part iii - end
17
18    return grade
19
```

Coursework Project – 30%

- Completed individually in 6th Year.
- You get 10 weeks.
- You build your own project.
- You submit your program and write a report about the process and the outcome.

Programming Language



Python is the main coding language which is used in the exam.



Python and / or JavaScript can be used for coursework.



In class, you may use other languages too.



HTML, CSS and Databases (SQL)

Who should pick Computer Science?



People who like
problem solving.



Logical thinkers



People who have
interest in
computers.