Do not turn this page until you have received the signal to start.
In the meantime, please read the instructions below carefully.

You must get 40% or above on this exam to pass the course (at least 32 out of 80); otherwise, your final course grade will be no higher than 47.
This Final Examination paper consists of 8 questions on 24 pages (including this one). When you receive the signal to start, please make sure that your copy of the Final Examination is complete.

• Legibly write your name and student number on this page.
• Legibly write your student number at the bottom of every odd page (except this one), in the space provided.
• If you use any space for rough work, indicate clearly what you want marked.
• In all programming questions you may assume all input is valid.
• You do not need to write Javadocs or internal comments.

# 1: _____/18
# 2: _____/ 8
# 3: _____/10
# 4: _____/ 8
# 5: _____/10
# 6: _____/ 8
# 7: _____/10
# 8: _____/ 8

TOTAL: _____/80