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| Input | Process | Output |
| INT students | READ the number of students from the user; | PRINT Pods to the user (Number of pods required); |
| INT pods | CALCULATE the number of pods required by dividing students/4; | PRINT Waitlist to the user (The amount of students that will have to wait for their turn); |
| INT Waitlist | CALCULATE the waitlist number by storing the modulus of students%2; |  |