





Write a Python program that reads the birth date and salary of

01:34 A C Z & -

Input Format:

The input consists of:

A string representing the birth date of the employee in the format DD - MM - YYYY.

A floating-point number representing the salary of the employee

Output Format:

The output should include:

The age of the employee.

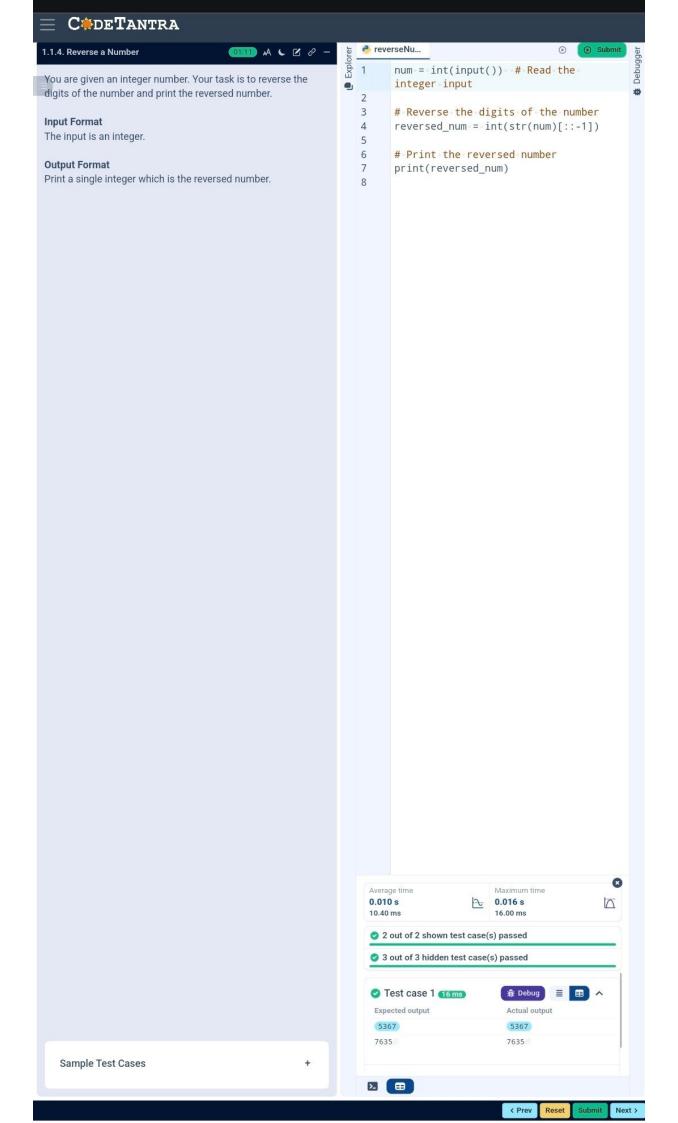
The salary of the employee in dollars.

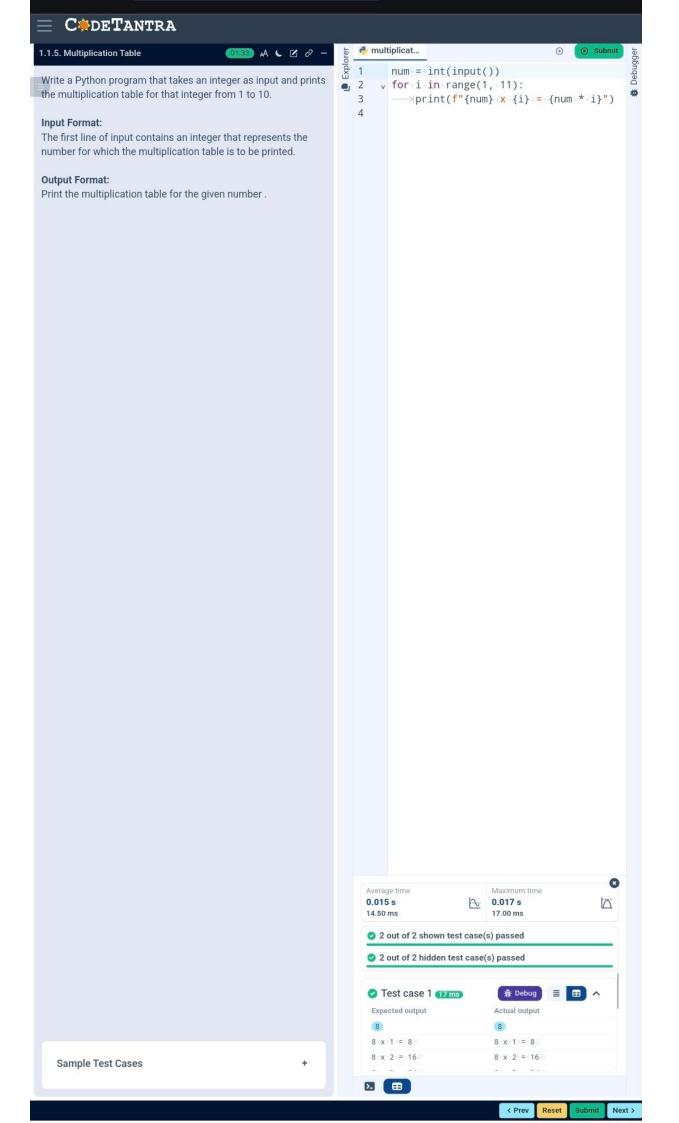
1INR=0.012USD

```
abirthDatea...
                                    Submit
Explorer
         from datetime import datetime
.
   2
   3
       v def calculate_age(birthdate):
   4
   5
            ⇒birth_year =
         int(birthdate.split('-')[-1])
   6
            current_year =
         datetime.now().year
   7
            return current_year - birth_year-
   8
   9
       v def
         convert_salary_to_dollars(salary_in_r
  10
            int_to_usd = 0.012
  11
  12

> return salary_in_rupees *

         int_to_usd
  13
  14
         birthdate = input()
  15
         salary_in_rupees = float(input())
  16
         age = calculate_age(birthdate)
  17
         salary_in_dollars =
         convert_salary_to_dollars(salary_in_r
         upees)
  18
         print(f"Age: {age}")
         print(f"Salary in dollars:
  19
         {salary_in_dollars:.2f}")
  20
        ₩
   >_
```





1.2.1. Pass or Fail



Write a Python program that accepts the number of courses and the marks of a student in those courses.

The grade is determined based on the aggregate percentage:

- If the aggregate percentage is greater than 75, the grade is Distinction.
- If the aggregate percentage is greater than or equal to 60 but less than 75, the grade is First Division.
- If the aggregate percentage is greater than or equal to 50 but less than 60, the grade is Second Division.
- If the aggregate percentage is greater than or equal to 40 but less than 50, the grade is Third Division.

Input Format:

The first input will be an integer n, the number of courses. The second input will be n integers representing the marks of the student in each of the n courses, separated by a space.

Output Format:

If the student passes all courses:

- Print the aggregate percentage (rounded to two decimal places)
- Print the grade based on the aggregate percentage. If the student fails any course (marks < 40 in any course), print:

· "Fail".

Sample Test Cases

```
🤌 passorFail....
                                        ⊕ Sub
   1
   2
       v def cal(marks, total courses):
•
                                                20
   3
       v if any(mark < 40 for mark in
        marks):
        return "Fail"
   4
         total_marks = sum(marks)
   5
   6
         ---aggregate_percentage =
         (total_marks / (total_courses *
         100)) * 100
   7
       v === if aggregate_percentage >= 75:
   8
         grade = "Distinction"
   9
       v elif aggregate_percentage >= 60:
  10
         grade = "First Division"
         elif aggregate_percentage >= 50:
  11
  12
         grade = "Second Division"
  13
       v elif aggregate_percentage >= 40:
  14
         grade = "Third Division"
  15
  16
         return (aggregate_percentage,
         grade)
  17
         num_courses = int(input())
  18
  19
         marks = list(map(int,
         input().split()))
  20
  21
         result = cal(marks, num_courses)
  22
       v if result == "Fail":
  23
  24
         print("Fail")
  25
       v else:
  26
            aggregate_percentage, grade =
         result
  27
          print(f"Aggregate Percentage:
         {aggregate_percentage:.2f}")
  28
         print(f"Grade: {grade}")
  29
  30
                         Maximum time
    0.039 s
                         0.044 s
                     J-
                                           39.00 ms
                         44.00 ms
    2 out of 2 shown test case(s) passed
    2 out of 2 hidden test case(s) passed
    Test case 1 41 ms
                          n Debug
                                  Expected output
     56 78 97 86 93
                          56 78 97 86 93
     Aggregate Percentage: 82.
                         Aggregate Percentage: 8
    Σ ⊞
```

< Prev

Reset

Next >

