

1. Computer Science programs have CS, CIS, and Bioinformatics tracks.
Write a program that prompts the user to enter the number of students in CS, CIS, and Bioinformatics tracks respectively, then calculates and prints the total number of the students and the percentage of each track.
It is required to use `int` to store the number of students.

Sample run:

```
Enter the number of students in CS track: 55
Enter the number of students in CIS track: 35
Enter the number of students in Bioinformatics track: 23

The student information:
*****
CS: 55
CIS: 35
Bioinformatics: 23

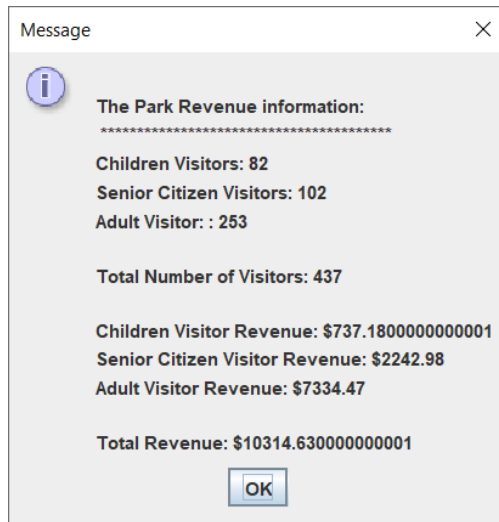
Total Number of Students: 113

Percentage of CS: 48.67256637168141
Percentage of CIS: 30.973451327433626
Percentage of Bioinformatics: 20.353982300884958
```

2. A park's ticket is \$20 for adult, free for children, and senior citizen receives 35% discount. The estimate of spending on gift is \$8.99 per visitor.
Write a program that prompts the user to enter the number of visitors including children, senior, and adult, then calculates and outputs the revenue for each group and the total revenue.
Incorporate constants in the program.
It is required to use `JOptionPane`'s dialog boxes for input and output.

Sample run:

The image shows three sequential dialog boxes for user input. Each dialog box has a title bar with the text 'Input' and a close button (X). The first dialog box prompts 'Enter the number of children visitors:' with the input field containing '82'. The second dialog box prompts 'Enter the number of senior visitors:' with the input field containing '102'. The third dialog box prompts 'Enter the number of adult visitors:' with the input field containing '253'. Each dialog box includes 'OK' and 'Cancel' buttons.



Due: Wednesday, 9/7/22

- To receive full credit, the assignment must be submitted by the due date.
- Late submissions will incur a penalty of 5% per day.
- **Upload the source code files to D2L.**

Style, form, documentation, naming convention, and more

Each program should have a file header section. /* * Author: Your name * Date: Date of completion * Assignment: Assignment # NameOfSourceCode.java * Description: The program description */	Up to 5% deduction
Each program should be written with the appropriate form and style. Use indentation, blank line, and comments to make the source code easy to read.	Up to 5% deduction
Use Java naming convention and meaningful names to name the classes, methods, variables, constants, and other identifiers in the programs.	Up to 5% deduction
Format the output appropriately	Up to 5% deduction