Q.1) Write a code to Read a file and append lines to a list.

O/P:

```
•••    [['{"name": "Alice", "age": 20, "course": "Computer Science", "marks": 85}']]
```

Q.2) Write a code to catch an Exception in python?

O/P:

```
Enter a number: 12
Enter another number:0
Exception caught: Division by zero
```

Q.3) Write a Python function that accepts a list containing strings and integers.
Merge all string elements using # and add all integer elements.

```
•••    Original list: [100, 'welcome', 'hi', 200, 300, 'bye', 'welldone', 500]
       Merged strings: 'welcome#hi#bye#welldone'
       Sum of integers: 1100
```