| **Given Data** | **Required Results** |
| --- | --- |
| - Bell was scheduled to ring at 1:00 PM - Bell did not ring today - School uses an electric bell system - Possible dependencies: electricity, wiring, timer, or manual control | - Identify why the bell didn’t ring - Provide a solution so that it rings on time - Ensure prevention of the same issue in the future |
| **Processing Required** | **Solution Alternatives** |
| Processing - Check electricity supply at 1:00 PM - Test the timer setting/program - Inspect wiring and bell connection - Verify if the bell itself is functional - Check if manual override was required | 1. Reset/reprogram the timer system 2. Repair/replace wiring if faulty 3. Replace the bell if damaged 4. Ensure electricity backup (UPS/generator) 5. Assign staff to manually ring the bell until fixed |

TASK 2:

| **Given Data** | **Required Results** |
| --- | --- |
| - Length (L) and Width (W) | - Program should ask user for Length and Width - Calculate the area - Display the result (Area) |
| **Processing Required** | **Solution Alternatives** |
| **-**Area= Length (L)\*Width(W) | 1. Define length and width as constant. 2. Define length and width as input value**.** |