

PROGRAM :-

```
#include <iostream>
using namespace std;

class temp {
    int week, day;
    float temp[47][47];

public:
    void input() {
        cout << "Enter the number of week: ";
        cin >> week;
        cout << "Enter the number of day: ";
        cin >> day;

        cout << "Enter temp data (in C) for " << week << " week over " << day << "
day:\n";
        for (int i = 0; i < week; i++) {
            cout << "week No " << i + 1 << ":\n";
            for (int j = 0; j < day; j++) {
                cout << "  day " << j + 1 << ":\n";
                cin >> temp[i][j];
            }
        }
    }

    void display() {
        cout << "\nTemp Data (in degree celcius):\n";
        cout << "week\\day  ";
        for (int j = 0; j < day; j++)
            cout << "day " << j + 1 << "  ";
        cout << "Average\n";
    }
};
```

```

        for (int i = 0; i < week; i++) {
            float sum = 0;
            cout << "week " << i + 1 << "    ";
            for (int j = 0; j < day; j++) {
                cout << temp[i][j] << "    ";
                sum += temp[i][j];
            }
            cout << sum / day << "\n";
        }
    }
};

```

```

int main() {
    temp rf;
    rf.input();
    rf.display();
    return 0;
}

```

OUTPUT :-

```

Enter the number of week: 3
Enter the number of day: 4
Enter temp data (in C) for 3 week over 4 day:
week No 1:
  day 1: 33
  day 2: 34
  day 3: 35
  day 4: 36
week No 2:
  day 1: 35
  day 2: 40
  day 3: 42
  day 4: 41
week No 3:
  day 1: 42
  day 2: 43
  day 3: 41
  day 4: 40

```

```

Temp Data (in degree celcius):
week\day   day 1   day 2   day 3   day 4   Average
week 1      33      34      35      36      34.5
week 2      35      40      42      41      39.5
week 3      42      43      41      40      41.5

```