Report Template of QMES

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Contents

1   Introduction

This template is design for student of QMUL engineering school, NPU.

The main content of the document begins here. And page numbering starts here.

2   Methodology

Sample text for demonstrating the template features.

2.1   User's customization

For better use, the template has some customizable content.There is some basically customization below:

```
1 \title{Edit this to your report name}
2 \course{The course code}
```

Generally speaking, no changes are needed in this line. Unless you need the report to show a date that's not today.

```
1 \date{\today}
```

For the security reasons, users can only count the number of characters by themselves. it's recommended that count your PDF files.

```
1 \wordcount{The word count of your report}
```

For each team member, you need to add their personal information with a single addstudent directive so that they can be displayed in the author column of the title page

```
1 \addstudent{your team parter's name}{his/her student number}
```

2.2   Listings

Example of implementing code blocks throught listings is below:

Listing 1: The Implementing of Code Block Below
```
1 \begin{lstlisting}[language=Python,caption={Example Code 1}]
2     def hello_world():
3         print("Python code example")
4 \end{lstlisting}
```

Listing 2: Example Code 2
```
1     def hello_world():
2         print("Python code example")
```

Here shows implement code blocks throught include code file:

Listing 3: The Implementing of Code Block Below
```
1 \includecode[language=C++,caption={Example for include code file}]{scr/main.cpp
    ↪ }
```

Listing 4: Example for include code file

```cpp
#include <iostream>
using namespace std;
int main()
{
    int n;
    cin >> n;
    int day[1001];
    for (int i = 0; i < n; i++)
    {
        cin >> day[i];
    }
    for (int j = 0; j < (n - 1); j++)
    {
        if (day[j] == 31)
        {
            if (day[j + 1] == 31)
            {
                if (day[j + 2] == 31)
                {
                    cout << "No";
                    return 0;
                }
            }
        }
        else if (day[j] == 28 || day[j] == 29)
        {
            if (day[j + 1] == 30)
            {
                cout << "No";
                return 0;
            }
        }
        else if (day[j] == 30)
        {
            if (day[j + 1] == 30)
            {
                cout << "No";
                return 0;
            }
        }
    }
    cout << "Yes";
    // Look a very loooooooooooooooooooooooooooooooooooooooooooooooooooooog
    // striiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiing
    return 0;
}
```