



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

**ASSIGNMENT 1**  
**PROGRAMMING TECHNIQUE I**  
**(SECJ1013)**

NAME	MATRIC NUMBER
MUHAMMAD AFIQ DANIAL BIN ROZAIDIE	A23CS0117
MOHAMED ALIF FATHI BIN ABDUL LATIF	A23CS0112

Lecturer: Dr. Nies Hui Wen

## **SET 1**

1. Start
2. Read name1, matric1, name2, matric2
3. display "Assignment 1"
4. display "Course: SECJ 1013 Programming Technique 1"
5. display "Section 03"
6. display "Program: Bachelor of Computer Science (Data Engineering)"
7. display "Member"
8. display name1, "(, matric1, ")"
9. display name2, "(, matric2, ")"
10. End

```

#include <iostream>
using namespace std;

int main(){

    string name1, name2, matric1, matric2;

    cout << "Enter member 1 name: ";
    cin >> name1;
    cout << "Enter member 1 matric number: ";
    cin >> matric1;
    cout << "Enter member 2 name: ";
    cin >> name2;
    cout << "Enter member 2 matric number: ";
    cin >> matric2;

    cout << "\nAssignment 1\n-----\nCourse: SECJ 1013 Programming
Technique 1" << endl;
    cout << "Section: 03\nProgram: Bachelor of Computer Science(Data Engineering)"
<< endl;
    cout << "Member:\n" << name1 << " (" << matric1 << ")" << endl;
    cout << name2 << " (" << matric2 << ")" << endl;

    return 0;
}

```

## OUTPUT:

```

Enter member 1 name: Afiq
Enter member 1 matric number: A23CS0117
Enter member 2 name: Fathi
Enter member 2 matric number: A23CS0112

Assignment 1
-----
Course: SECJ 1013 Programming Technique 1
Section: 03
Program: Bachelor of Computer Science(Data Engineering)
Member:
Afiq (A23CS0117)
Fathi (A23CS0112)

-----
Process exited after 48.98 seconds with return value 0
Press any key to continue . . . |

```

## SET 4

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

int main (){
    double price;
    int quantity;
    string level;
    price = 0;
    cout << "Enter the quantity and level: ";
    cin >> quantity >> level;

    if (level == "Low"){
        if (quantity >= 0 && quantity < 15)
            price = quantity * 0.3;
        else if (quantity >= 15 && quantity <= 50)
            price = quantity * 0.5;
        else if (quantity >= 51)
            price = quantity * 0.7;}

    else{
        if (quantity > 0 && quantity <= 10)
            price = quantity * 0.2;
        else if (quantity > 10 && quantity <= 20)
            price = quantity * 0.3;
        else if (quantity > 20)
            price = quantity * 0.6;}

    cout << "Price: RM " << price ;
    return 0;
}
```

### OUTPUT 1:

```
C:\Users\hp\OneDrive\Docurr × + ▾  
Enter the quantity and level: 51 Low  
Price: RM 35.7  
-----  
Process exited after 39.86 seconds with return value 0  
Press any key to continue . . . |
```

### OUTPUT 2:

```
C:\Users\hp\OneDrive\Docurr × + ▾  
Enter the quantity and level: 0 Medium  
Price: RM 0  
-----  
Process exited after 20.25 seconds with return value 0  
Press any key to continue . . . |
```

### OUTPUT 3:

```
C:\Users\hp\OneDrive\Docurr × + ▾  
Enter the quantity and level: 20 High  
Price: RM 6  
-----  
Process exited after 12.44 seconds with return value 0  
Press any key to continue . . . |
```