

# Technical Informatics I Quiz 2

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Technical Informatics 1: Dr Fatimah

## Quiz 2

#### Aims

Familiarise students with Control Structures (Selection):
 switch and with Control Structures (Repetition): for loops

### Expected Outcomes

 Students are able to understand concepts that can implement selection control structures switch and repetition control structures for loops

#### References

 Harry H. Cheng, 2010. C for Engineers and Scientists: An Interpretive Approach, McGraw Hill



## Quiz 2

Consider the following code:

```
#include <stdio.h>
int main(){
     int i, sum =0;
     for(i=0;i<5;i++) {
           switch (i) {
             case 0:
                 sum+=5;
                 break;
             case 1:
                 sum-=2;
             case 2:
             case 3:
                 sum++;
             case 4:
                 break;
             default:
                 break;
  return 0;
```



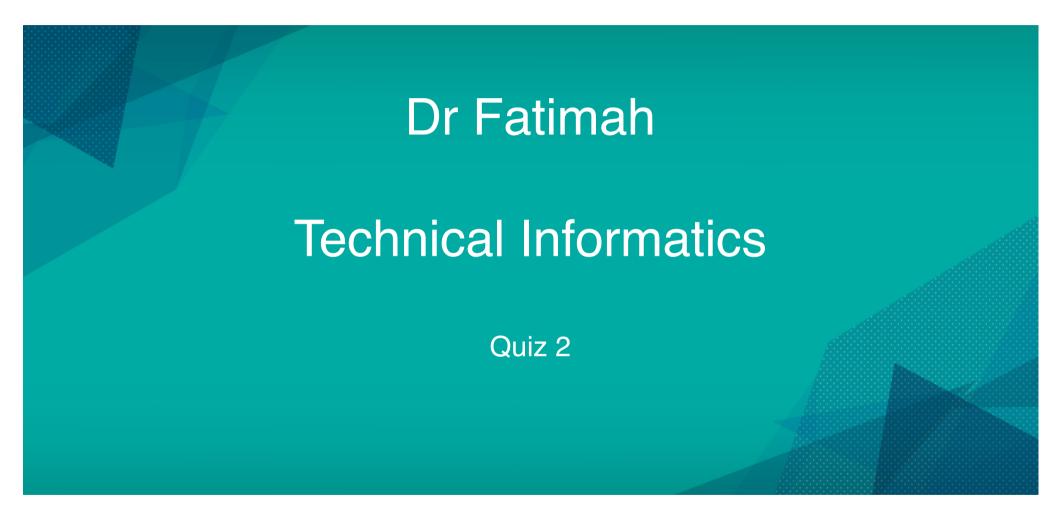


# Quiz 2

- 1. Draw a flow chart for the code in Figure 1 (10 Marks)
- 2. What is the value of sum after the code is executed (5 Marks)









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