

# Technical Informatics I Quiz 3

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Technical Informatics 1: Dr Fatimah

### Quiz 3

#### Aims

Familiarise students with control selection (repetition) or loops

#### Expected Outcomes

Students are able understand the concepts of loops

#### References

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



## Quiz 3

Consider the code below and answer the questions in

the next slide

```
#include <stdio.h>
int main() {
    int i, sum =0;
    for(i=0;i<7;i++) {
        if(i==0) {
            sum+=5;
            continue;
        } else if(i>3) {
            sum-=2;
        } else {
                sum++;
        }
        if(i==4) {
            break;
        }
        printf("sum=%d\n", sum);
        return 0;
}
```



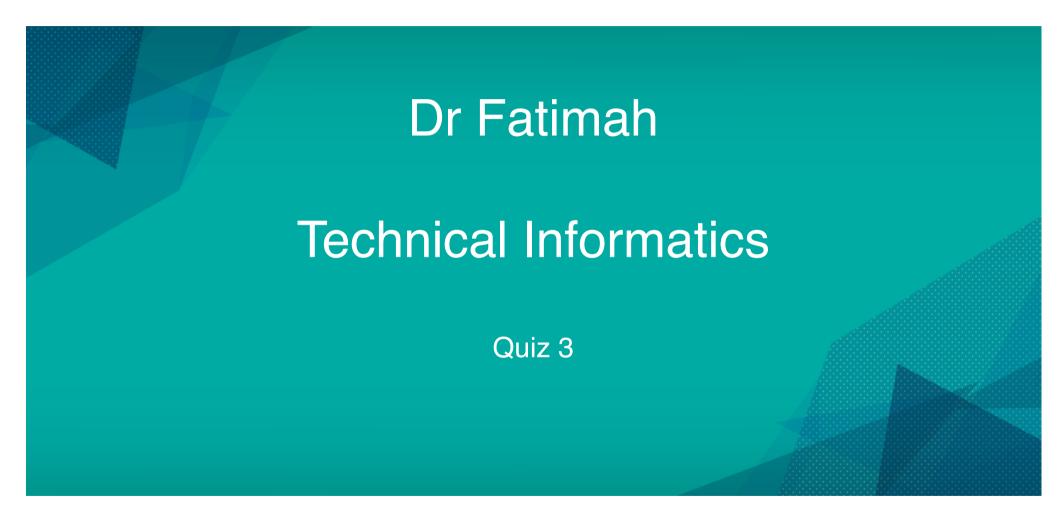


# Quiz 3

- 1. What is the value of sum when i = 2?
- 2. What is the value of sum when i = 3?
- 3. What is the value of sum when i = 4?
- 4. What is the value of sum when i = 5?
- 5. What is the value of sum that will be printed to the terminal screen after the code has been executed?









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