

# 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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# Technical Informatics

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