Introduction to Programing

Group 4 Ment function

Main Thread

Exercise 5 & 6

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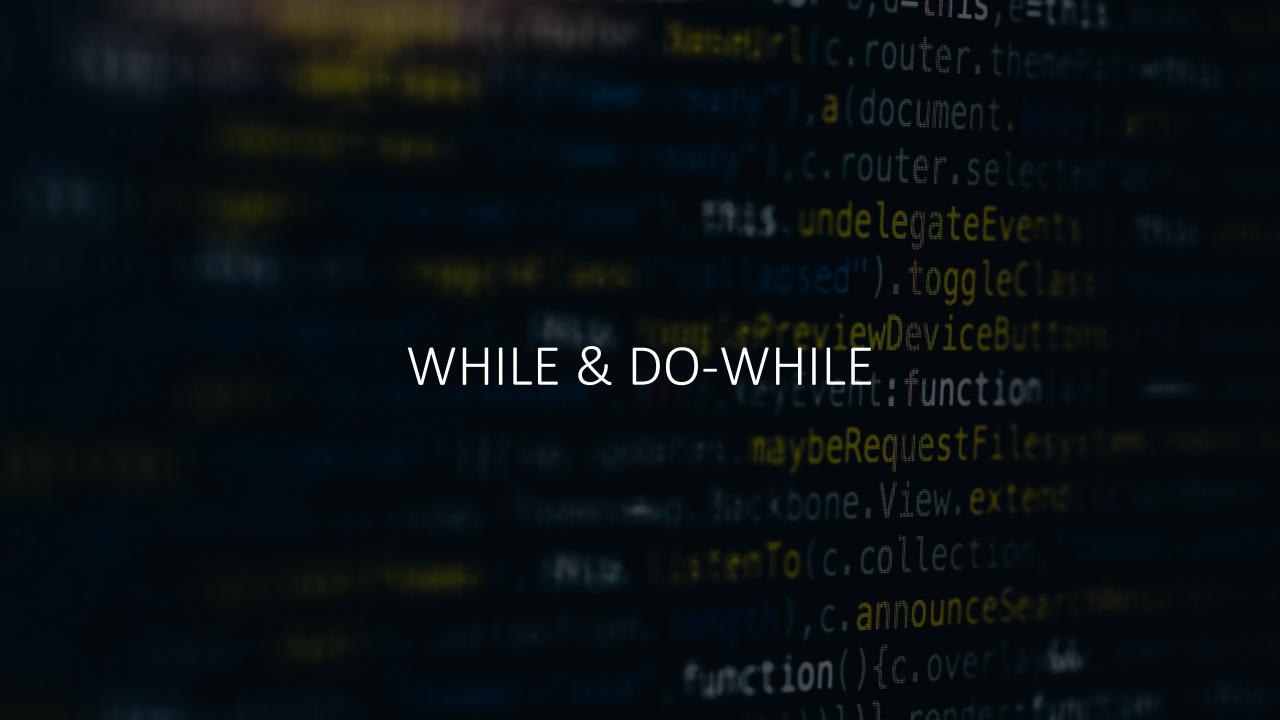
```
#include <iostream>
      int main() {
          int a = 5;
          if (a == 5)
              std::cout << "a is 5\n";</pre>
          else
11
12
              if (a > 5)
13
                   std::cout << "a is greater than 5\n";</pre>
14
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              else
17
                   std::cout << "a is less than 5\n";</pre>
18
19
21
22
          return 0;
23
```

undelegateEvents --- loggle() toggle() and r ** reviewDevice8um SWITCH maybeRequestFiles L, C. announceSex

```
#include <iostream>
      int main() {
          int a = 5;
          switch (a)
              case 1:
                   std::cout << "a is 1\n";</pre>
                  break;
11
12
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              case 2:
14
                  std::cout << "a is 2\n";</pre>
15
                  break;
17
              case 3:
                   std::cout << "a is 3\n";</pre>
21
                  break;
              default:
24
                   std::cout << "a is " << a << "\n";</pre>
                  break;
27
29
          return 0;
```

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```
#include <iostream>
int main() {
    int a = 5;
    for (int i = 0; i < 5; ++i)
        std::cout << i << "\n";</pre>
    for (; a < 10; ++a)
        std::cout << a << "\n";</pre>
    for (int i = 0; i < 5;)
        std::cout << i++ << "\n";</pre>
    for (; ;)
        std::cout << a << "\n";</pre>
    for (; ;)
        std::cout << a++ << "\n";</pre>
        if (a == 10) {
             break;
    bool condition = true;
    for (; condition ;)
        std::cout << a++ << "\n";</pre>
        if (a == 10) {
             condition = false;
    return 0;
```



```
#include <iostream>
 1
 2
     int main() {
 3
         int a = 5;
 4
 5
 6
         while (a < 10) {
              cout << a++ << "\n";
 8
 9
          a = 10;
10
11
12
          do {
              cout << a++ << "\n";
13
          } while (a < 10);
14
15
16
          return 0;
17
```



```
#include <iostream>
void log(int);
int main() {
    for (int i = 0; i < 6; ++i) {
        if (i % 2 == 0) continue;
        std::cout << i << "\n";</pre>
    for (int i = 0; i < 6; ++i) {
        if (i % 2 == 0) break;
        std::cout << i << "\n";</pre>
    log(1);
    log(5);
    log(2);
    return 0;
void log(int a)
    switch (a)
        case 1:
             std::cout << "a is 1\n";</pre>
             return;
        case 2:
            std::cout << "a is 2\n";</pre>
            return;
        default:
            std::cout << "a is " << a << "\n";</pre>
             return;
```

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c announces
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